



INVEST IN THE FUTURE

# CHARGE



CHARGERS - BATTERY SUPPORT UNITS - BOOSTERS - STARTERS  
TESTERS - PORTABLE ENERGY - JUMPER CABLES - EV CHARGING - ACCESSORIES

2026

# A solid manufacturing group

900 people

C1+  
Credit Rating  
Banque de France

€ 140 000 000

55 000 m<sup>2</sup>  
2 factories



FRENCH MANUFACTURER  
SINCE 1964

# A family company



Nicolas & Bruno  
Bouygues



# Global coverage

125 countries

# 5 catalogues

3 500+ references



MMA/SMAW  
TIG/GTAW  
MIG-MAG/  
GMAW-FCAW  
Plasma cutting  
Stud welding  
Spot welding  
Accessories  
Protection  
Consumables



Spot welding  
Dent pulling  
MIG-MAG/  
GMAW-FCAW  
Plasma cutting  
Induction heating  
Riveting  
Lifting  
Bodyshop tools



Chargers  
Battery support units  
Boosters  
Starters  
Testers  
Portable energy  
Jumper cables  
EV charging  
Accessories



Releasing  
Shrink-fitting  
Stripping  
Straightening  
Dent removal  
Bending  
Brazing



MMA/SMAW  
TIG/GTAW  
MIG-MAG/  
GMAW-FCAW  
Plasma cutting  
Charge



**GYS FRANCE - HEADQUARTERS**  
Laval



**GYS LOGISTICS CENTER**  
Laval



**GYS GERMANY**  
Aachen



**GYS U.K.**  
Rugby



**GYS CHINA**  
Shanghai



**GYS ITALIA**  
Venezia



**GYS IBERICA**  
Madrid

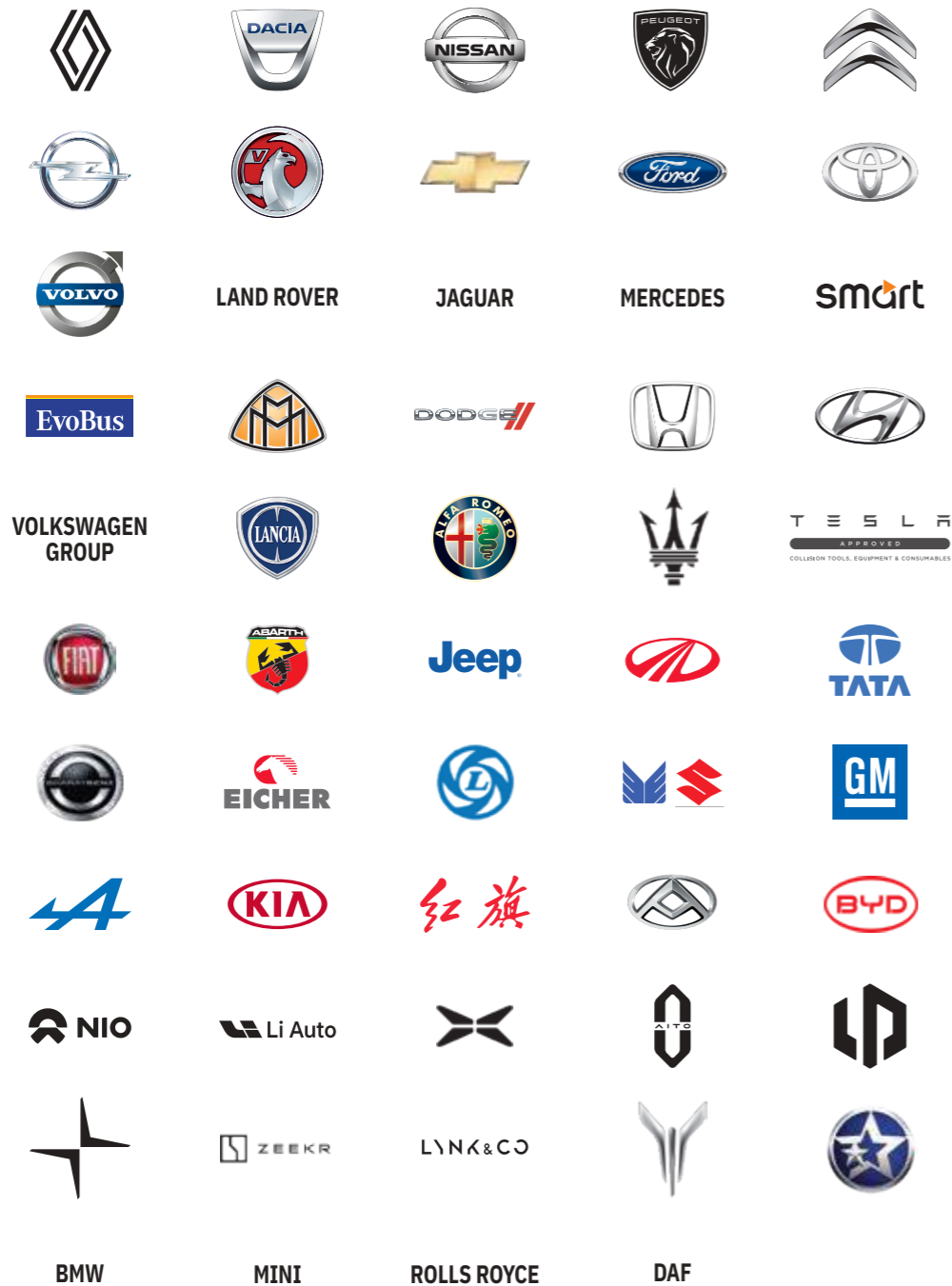
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★★★★★ **THEY TRUST US** ★★★★★

ILS NOUS FONT CONFIANCE



# CHARGERS & BATTERY SUPPORT UNITS

6 - 12 - 16 - 24 - 36 - 48 V

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## BATTERY SUPPORT UNITS

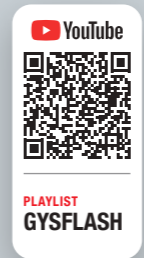
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# CHARGERS Pb

**BEST SELLER**



## GYSFLASH TECHNOLOGY

### SSM

Save and load settings. Automatic restart in case of power cut.  
Mémorisation des réglages. Redémarrage automatique en cas de coupure électrique.  
Einstellungsspeicherung. Automatisches Starten nach einem Netzausfall.

### START STOP

Start/stop Engine : Compatible with Start/Stop vehicles. Compatible véhicules Start/Stop. Geeignet für START-STOP- Fahrzeuge.

### CAN BUS

Can Bus ready: compatible with Can Bus Technology, the Gysflash can be connected to the motorcycle 12V socket (cable is optional).

Can bus ready : compatible avec la technologie Can Bus, le Gysflash se branche directement sur la prise 12 V de la moto (câble en option).

Can-Bus Ready: Mit der Can-Bus Technologie kompatibel. Das GYSFLASH wird direkt an den 12V-Anschluss des Motorrads angeschlossen (Kabel optional).

### Auto Recovery

Auto Recovery : Recovers deeply discharged (min 2V) and/or sulfated batteries.

Auto Recovery : Récupération des éléments des batteries profondément déchargées (mini 2V) et/ou sulfatées.

Auto Recovery: Wiederherstellung der Zellen bei tiefentladenen bzw. sulfatierten Batterien (min. 2V).

### Cold charge mode

"Cold charge" mode: performance-enhancing charging mode for cold or freezing weather conditions.

Mode "Cold charge": optimisation des performances en cas de temps froid ou de gel.

-Cold Charge--Modus: Leistungsoptimierung bei kaltem Wetter oder bei Frost.

### Temperature sensor

Fitted with a highly sensitive sensor, Gysflash automatically adjusts the charge based on ambient temperature.

Équipé d'un capteur haute sensibilité, le Gysflash ajuste automatiquement les paramètres de charge en fonction de la température ambiante.

Ausgestattet mit einem hochempfindlichen Sensor stellt das GYSFLASH automatisch die Ladeparameter der Umgebungstemperatur entsprechend ein.

### Power supply mode

Power supply mode: Optimum floating charge, ideal for use during battery change to protect vehicle memory. Also for when the vehicle is not in use for extended periods or for demonstration use.

Source d'énergie : mode de maintien optimal de l'état de charge. Idéal pour les véhicules en hivernage, de démonstration, ou pour le remplacement de batterie.

Energiequelle: Aufrechterhaltung des Batteriezustands. Ideal für Saison-, Ausstellungsfahrzeuge oder bei Batteriewechsel.

### GYSFLASH 1.12

**1 A**

GO > 2 V SSM START STOP CAN BUS

7 STEP

#### F FLASH Connector



029361  
UK: 029514

### GYSFLASH 4.12 & 4.12S

**0.8/4 A**

GO > 2 V SSM START STOP CAN BUS

7 STEP

#### F FLASH Connector



4.12 029422 UK: 029521  
4.12S (110 V) 069190 072701 072817

### GYSFLASH 6.12

**0.8/6 A**

GO > 2 V SSM START STOP CAN BUS

8 STEP

#### F FLASH Connector



029378  
UK: 029613

### GYSFLASH 8.12

**8 A**

GO > 2 V SSM START STOP

8 STEP

#### S SAE Connector



029385  
UK: 029545

### GYSFLASH 12.12

**12 A**

GO > 2 V SSM START STOP

8 STEP

#### S SAE Connector



029392  
UK: 029552

110V



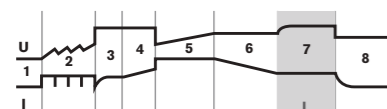
GYSFLASH 4.12 S  
GYSFLASH 1.12 PL S



## SMART CHARGE

7 STEP / 8 STEP

1. Status analysis
2. Recovery
3. Test desulphation
4. Desulphation
5. Fast charge 80%
6. Absorption
7. Refresh (for "8 step" only)
8. Floating 100%



### REFRESH 8 STEP

Rebalancing the battery cells for greater (not available on all models). Rééquilibrage des cellules de la batterie pour plus de longévité (suivant modèle). Regenerierung der Batteriezellen für eine längere Lebensdauer (je nach Modell).

REGISTERED PATENT NUMBERS  
002280008 & 002279927  
EUROPEAN TRADEMARK & DESIGN

	50 / 60 Hz	Power	I <sub>charge</sub>	V	Charge	Maintenance	Zz	Ondulation/ Ripple	Charging curve	IP	Weight	Dimensions	Volume
GYSFLASH 1.12	220-240 V AC	18 W	1 A	12 V	2 > 32 Ah	2 > 100 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	7 steps	0.44 kg	13 × 8 × 3.8 cm	30 × 15.5 × 6 / 0.6
GYSFLASH 4.12 GYSFLASH 4.12S	220-240 V AC 100-127 V AC	70 W	0.8/4 A	12 V	1.2 > 90 Ah	1.2 > 130 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	7 steps	0.69 kg	17 × 9 × 5.1 cm	34.5 × 17.9 × 36.2 / 0.89
GYSFLASH 6.12	220-240 V AC	90 W	0.8/6 A	12 V	1.2 > 125 Ah	1.2 > 170 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	8 steps	0.77 kg	19 × 10 × 5.2 cm	36 × 19.5 × 7 / 1
GYSFLASH 8.12	220-240 V AC	130 W	8 A	12 V	15 > 160 Ah	15 > 240 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	8 steps	0.85 kg	19 × 10 × 5.2 cm	36 × 19.5 × 7 / 1
GYSFLASH 12.12	220-240 V AC	195 W	12 A	12 V	20 > 250 Ah	20 > 330 Ah	<0.4 Ah/month	<100 mV Rms	IUoU	8 steps	1.1 kg	22.1 × 11.1 × 5.8 cm	36.4 × 20 × 6.8 / 1.3

DESIGN GYS FRANCE

MADE IN GYS CHINA



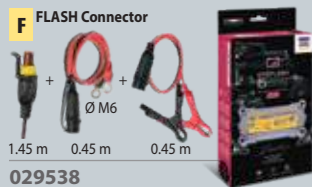
# CHARGERS Pb



## HERITAGE • 6/12V

GYSFLASH 6 HERITAGE

0.8/6 A

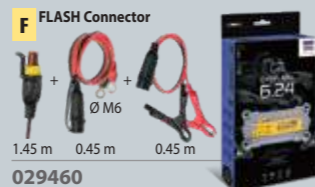


029538

## 6/12/24V

GYSFLASH 6.24

0.8/6 A



029460  
029644

GYSFLASH 9.24

9 A



029477  
029651

## GYSFLASH TECHNOLOGY



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Compatible with Start/Stop vehicles.  
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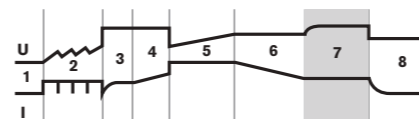


Fitted with a highly sensitive sensor, Gysflash automatically adjusts the charge based on ambient temperature.  
Équipé d'un capteur haute sensibilité, le Gysflash ajuste automatiquement les paramètres de charge en fonction de la température ambiante.  
Ausgestattet mit einem hochempfindlichen Sensor stellt das GYSFLASH automatisch die Ladeparameter der Umgebungstemperatur entsprechend ein.

## SMART CHARGE 7 STEP / 8 STEP / 8 STEP LiFePO4

Pb

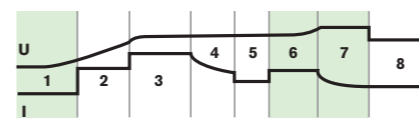
1. Status analysis
2. Recovery
3. Test desulphation
4. Desulphation
5. Fast charge 80%
6. Absorption
7. Refresh (for "8 step" only)
8. Floating 100%



Rebalancing of the battery cells for greater longevity (not available on all models).  
Rééquilibrage des cellules de la batterie pour plus de longévité (suivant modèle).  
Regenerierung der Batteriezellen für eine längere Lebensdauer (je nach Modell).

LiFePO4 (LFP)

1. UVP Wake up - Status analysis
2. Recovery
3. Fast charge 90%
4. Absorption 95%
5. Test
6. Completion
7. Equalization
8. Floating 100%



UVP Wake up (Under Voltage Protection) Battery reactivation when in UVP protection.  
Réactivation de la batterie en protection UVP. Reaktivierung der Batterie mit UVP-Schutz.

Equalizing Balancing System Balancing of the battery cells. Équilibrage des cellules. Ausgleich der Batteriezellen.



# CHARGERS LiFePO4



## 12V

GYSFLASH 1.12 Lithium

1 A



029675

GYSFLASH 6.12 Lithium

4/6 A



029729

DESIGN GYS FRANCE MADE IN GYS CHINA	PATENTS REGISTERED NUMBERS 002280008 & 002279927 EUROPEAN TRADEMARK & DESIGN		50 / 60 Hz	Power	I charge	V	Charge	Maintenance	Zz	Ondulation / Ripple	Charging curve	IP	Weight	Dimensions	Volume
	50 / 60 Hz	Power	I charge	V	Charge	Maintenance	Zz	Ondulation / Ripple	Charging curve	IP	Weight	Dimensions	Volume		
GYSFLASH 6 HERITAGE	220-240 V AC	2m	90 W	0,8/6 A	6/12 V	1.2 > 125 Ah	1.2 > 170 Ah	<0.4 Ah / month	<150 mV Rms	IUoU	8 steps	IP 65	0.77 kg	19 × 10 × 5.2 cm	36.5 × 19.4 × 7 cm / 1
GYSFLASH 6.24	220-240 V AC	2m	130 W	0,8/6 A	6/12 V	1.2 > 125 Ah	1.2 > 170 Ah	<0.4 Ah / month	<150 mV Rms	IUoU	7 step	IP 65	0.85 kg	19 × 10 × 5.2 cm	36.5 × 19.5 × 7 cm / 1
GYSFLASH 9.24	220-240 V AC	2m	190 W	9 A	6/12 V	18 > 220 Ah	18 > 300 Ah	<0.4 Ah / month	<100 mV Rms	IUoU	8 step	IP 65	1.1 kg	22.1 × 11.1 × 5.8 cm	36.5 × 19.5 × 7 cm / 1.3
				6 A	24 V	15 > 125 Ah	15 > 170 Ah	<0.4 Ah / month	<100 mV Rms	IUoU	8 step	IP 65	1.1 kg	22.1 × 11.1 × 5.8 cm	36.5 × 19.5 × 7 cm / 1.3



# CHARGERS Pb / LiFePO<sub>4</sub>



12V



12/24V

**OPTION**  
Gysflash 18.12 PL,  
30.12 PL, 20.12/24 PL,  
10.36/48 PL

**Magnetfix 20**  
026063



×4

### GYSFLASH 1.12 PL & 1.12 PL S

**1A**

GO > 7V SSM START STOP CAN BUS

7 STEP Pb 8 STEP LiFePO<sub>4</sub>



**1.12 PL**  
026902

**1.12 PL S (110 V)**  
070851  
072794  
072824

### GYSFLASH 8.12 PL

**1/4 / 8A**

GO > 2V SSM START STOP CAN BUS

7 STEP Pb 8 STEP LiFePO<sub>4</sub>



069282

### GYSFLASH 18.12 PL

**7/12 / 18A** GO > 2V

GO > 2V SSM START STOP

7 STEP Pb 8 STEP LiFePO<sub>4</sub>



026926

### GYSFLASH 30.12 PL

**7/15 / 30A**

GO > 2V SSM START STOP

7 STEP Pb 8 STEP LiFePO<sub>4</sub>



029668  
026070

### GYSFLASH 20.12/24 PL

**7/15 / 20A**

GO > 2V SSM START STOP

7 STEP Pb 8 STEP LiFePO<sub>4</sub>



026049  
027558

DESIGN GYS FRANCE	MADE IN GYS CHINA	MADE IN FRANCE	50 / 60 Hz	Power	I <sub>charge</sub>	V	Charge	Maintenance	Zz	Ondulation/ Ripple	Charging curve	IP	Weight	Dimensions	Box Dimensions	
GYSFLASH 1.12 PL	GYSFLASH 1.12 PL S		220-240 V AC	20 W	1 A	12 V	2 > 32 Ah (Pb) 0.5 > 20 Ah (LiFePO <sub>4</sub> )	2 > 100 Ah (Pb) 0.5 > 50 Ah (LiFePO <sub>4</sub> )	<0.4 Ah/month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO <sub>4</sub> )	IP 65	0,69 kg	17 × 9 × 5.1 cm	33 × 17.5 × 6 / 0.8
GYSFLASH 8.12 PL			220-240 V AC	130 W	1/4/8 A	12 V	2 > 160 Ah (Pb) 1.2 > 160 Ah (LiFePO <sub>4</sub> )	2 > 240 Ah (Pb) 1.2 > 240 Ah (LiFePO <sub>4</sub> )	<0.4 Ah/month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO <sub>4</sub> )	IP 65	0,85 kg	19 × 10 × 5.2 cm	—
GYSFLASH 18.12 PL			220-240 V AC	300 W	7/12/18 A	12 V	15 > 270 Ah (Pb) 7 > 270 Ah (LiFePO <sub>4</sub> )		<0.5 Ah/month	<100 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO <sub>4</sub> )	IP 31	1,55 kg	19 × 19 × 7.3 cm	30 × 22 × 9 / 1.9

DESIGN GYS FRANCE	MADE IN FRANCE	50 / 60 Hz	Power	I <sub>charge</sub>	V	Charge	Maintenance	Zz	Ondulation/ Ripple	Charging curve	IP	Weight	Dimensions	Box Dimensions		
GYSFLASH 30.12 PL			220-240 V AC	500 W	7/15/30 A	12 V	15 > 375 Ah (Pb) 7 > 375 Ah (LiFePO <sub>4</sub> )		<0.5 Ah/month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO <sub>4</sub> )	IP 31	1,85 kg	19 × 19 × 7.3 cm	30 × 22 × 9 / 2.2
GYSFLASH 20.12/24 PL			220-240 V AC	500 W	7/15/20 A 7/15 A 24 V	12 V 24 V	15 > 300 Ah (Pb) 7 > 300 Ah (LiFePO <sub>4</sub> ) 15 > 240 Ah (Pb) 7 > 240 Ah (LiFePO <sub>4</sub> )		<1 Ah/month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO <sub>4</sub> )	IP 31	1,85 kg	19 × 19 × 7.3 cm	30 × 22 × 8.5 / 2.2

## GYSFLASH TECHNOLOGY

### SSM

Save and load settings. Automatic restart in case of power cut.

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### START STOP

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**Auto Recovery :** Recovers deeply discharged (min 2V) and/or sulfated batteries.

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### t°

Fitted with a highly sensitive sensor, Gysflash automatically adjusts the charge based on ambient temperature.

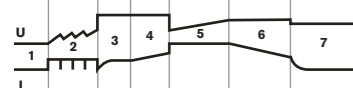
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## SMART CHARGE 7 / 8 STEP

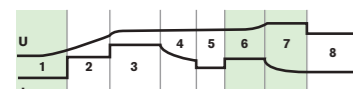
### Pb

1. Status analysis
2. Recovery
3. Test desulphation
4. Desulphation
5. Fast charge 80%
6. Absorption
7. Floating 100%



### LiFePO<sub>4</sub> (LFP) / Li-ion

1. UVP Wake up
2. Recovery
3. Fast charge 90%
4. Absorption 95%
5. Test
6. Completion
7. Equalization
8. Floating 100%



**UVP Wake up (Under Voltage Protection)**  
Battery reactivation when in UVP protection.  
Réactivation de la batterie en protection UVP.  
Reaktivierung der Batterie mit UVP-Schutz.

**Equalizing Balancing System**  
Balancing of the battery cells.  
Équilibrage des cellules.  
Ausgleich der Batteriezellen.

## GYSFLASH Pb / LITHIUM

# CHARGER Pb / LiFePO<sub>4</sub>

INTENSIVE



SC **SMART COOLING TECHNOLOGY**

100% DUST PROOF



SILENT

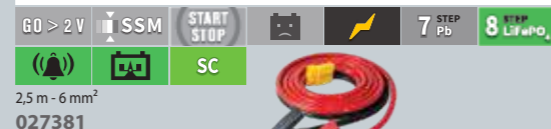
IP 23

INDOOR / OUTDOOR

12V

GYSFLASH 32.12 PL

7/15 / 30 A



2,5 m - 6 mm<sup>2</sup>  
027381

## GYSFLASH Pb

# CHARGER Pb

INTENSIVE



SHOCK RESISTANT

IP 65

INDOOR / OUTDOOR

12/24V

GYSFLASH 15.24 XTREM

15 A



5 m - 4 mm<sup>2</sup>  
025813

Double insulation

**ROBUST & SAFE**  
2 pts connection

included for Gysflash 15.24 XTREM 028760

### INCLUDED

**Fixing kit**  
for Gysflash 32.12 PL, 15.24 XTREM



### OPTIONS

NATO CONNECTOR 026780



2 pts/NATO 5 m - 4 mm<sup>2</sup> 025837



2 pts/NATO 1490 Emergency vehicle 5 m 028777



2 pts/NATO Spiral 5 m 028968



2 pts/NATO 1490 Emergency vehicle 5 m 028777

MADE IN FRANCE	PATENTS REGISTERED NUMBERS 002280008 & 002279927 EUROPEAN TRADEMARK & DESIGN	50/60 Hz	Power	I <sub>charge</sub>	V	Charge	Maintenance	Zz	Ondulation/Ripple	Charging curve	IP	Weight	Dimensions	L x W x H cm / kg

MADE IN FRANCE

GYSFLASH 32.12 PL

230V

2.5 m

500W

7/15/30 A

12V

10 · 400 Ah

<0.5 Ah/month

<150 mV Rms

IUOu

IP 23

4,7 kg

8 × 25 × 20 cm

36 × 27,5 × 20,5 / 4,6

GYSFLASH 15.24 XTREM

230V

2.5 m

500W

7/10/15 A

12/24V

5 · 240 Ah

<1 Ah/month

<150 mV Rms

IUOu

IP 65

5,4 kg

7,5 × 25 × 21 cm

27 × 20 × 36 / 5,4

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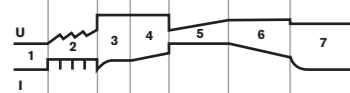
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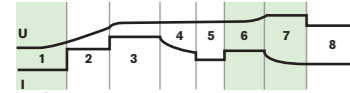
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## GYSFLASH Pb / LITHIUM

# ELECTRO MOBILITY CHARGERS

# Pb / Lithium

LiFePO<sub>4</sub> / Li-ion / Li-Po / NMC / LCO / MCO / NCA...



## 24 V • ELECTRICAL MOBILITY

GYSFLASH 6.24 PL

**6 A** GO > 2 V



027398

## 48 • INDUSTRY / ELECTROMOBILITY

GYSFLASH 3.48 PL

**3 A**



027893

## 36/48 • INDUSTRY / ELECTROMOBILITY

GYSFLASH 10.36/48 PL

**10 A**



027060

OPTION



DESIGN GYS FRANCE	PATENTS REGISTERED NUMBERS 002280008 & 002279927 EUROPEAN TRADEMARK & DESIGN	50 / 60 Hz	Power	I <sub>charge</sub>	V	n cell			Charge	Maintenance	Zz	Ondulation/Ripple	Charging curve	IP	Weight	Dimensions	L x W x H cm / kg	
						Pb	LFP	NMC										
MADE IN GYS CHINA	GYSFLASH 6.24 PL	220-240 V AC	2 m	190 W	6 A	24V	12	8	6	15 > 125 Ah (Pb) 2 > 125 Ah (Li)	15 > 170 Ah (Pb) 2 > 170 Ah (Li)	<0.4 Ah /month	<150 mV Rms	IUoU	7 step (Pb) 8 step (Li)	IP 65	1,1 kg	22.1 x 11.1 x 5.8 cm / 1.4
							12	15/16	13/14	6 > 60 Ah (Pb) 3 > 60 Ah (Li)	6 > 60 Ah (Pb) 3 > 60 Ah (Li)	<0.4 Ah /month	<150 mV Rms	IUoU	7 step (Pb) 8 step (Li)	IP 65	1,1 kg	22.1 x 11.1 x 5.8 cm / 1.2
MADE IN FRANCE	GYSFLASH 10.36/48 PL	220-240 V AC	2 m	500 W	10 A	36V	18	12	9	20 > 230 Ah (Pb) 10 > 230 Ah (Li)	20 > 230 Ah (Pb) 10 > 230 Ah (Li)	<0.4 Ah /month	<150 mV Rms	IUoU	7 step (Pb) 8 step (Li)	IP 31	1,85 kg	19 x 19 x 7.3 cm / 2
							24	15/16	13/14	15 > 160 Ah (Pb) 8 > 160 Ah (Li)	15 > 160 Ah (Pb) 8 > 160 Ah (Li)	<0.4 Ah /month	<150 mV Rms	IUoU	7 step (Pb) 8 step (Li)	IP 31	1,85 kg	19 x 19 x 7.3 cm / 2

## ELECTROMOBILITY

### MOBILITY



### OUTDOOR



### MEDICAL







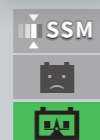
# GYSFLASH ON BOARD

## CHARGERS ON BOARD

- Pb** ✓ NMC / LCO / MCO / NCA...
- Lithium** ✓ LiFePO4 / Li-ion / Li-Po



BROCHURE  
GYSFLASH  
18.12 PL-E



### INCLUDED



Ø 5.5 mm  
GYSFLASH 18.12 PL-E, 15.24 PL-E, 8.48 PL-E  
Fixing Kit

### PFC POWER FACTOR CORRECTION

185 V ← 265 V



### OPEN & CONNECT

cables not included



4 pts connector included  
3G  
0.75 x 2.5 mm<sup>2</sup>

3 pts connector included  
max 2.5 mm<sup>2</sup> or  
AWG14



7 cm  
GYSFLASH 18.12 PL-E

8 cm  
GYSFLASH 30.12 PL-E  
GYSFLASH 15.24 PL-E  
GYSFLASH 8.48 PL-E

### 12V

GYSFLASH 18.12 PL-E

**18 A**

Pb / LFP  
025806

GYSFLASH 30.12 PL-E

**30 A** COMING SOON

Pb / LFP

### 24V

GYSFLASH 15.24 PL-E

**15 A**

Pb / Traction / LFP / Li-ion  
025943

### 48V

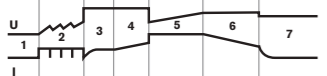
GYSFLASH 8.48 PL-E

**8 A**

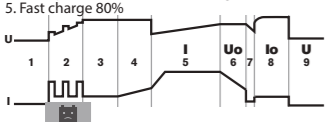
Pb / Traction / LFP / Li-ion  
025950

### SMART CHARGE

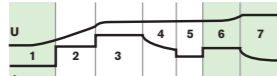
- Pb**
- Status analysis
  - Recovery
  - Test desulphation
  - Desulphation
  - Fast charge 80%
  - Absorption
  7. Floating 100%



- Pb TRACTION**
- Status analysis
  - Recovery
  - Sulphation test
  - Desulphation
  - Fast charge 80%
  - Absorption
  - Test Absorption
  - Refresh
  9. Floating 100%



- LiFePO4 (LFP) / Li-ion**
- Status analysis
  - Recovery
  - Fast charge 90%
  - Absorption 95%
  - Test
  6. Completion
  - Equalization
  8. Floating 100%



**UVP Wake up (Under Voltage Protection)**  
Battery reactivation when in UVP protection.  
Réactivation de la batterie en protection UVP.  
Reaktivierung der Batterie mit UVP-Schutz.

**Equalizing Balancing System**  
Balancing of the battery cells.  
Équilibrage des cellules.  
Ausgleich der Batteriezellen.

### GYSFLASH PL-E TECHNOLOGIES

**SSM** Save and load settings. Automatic restart in the event of a power cut.  
Mémorisation des réglages. Redémarrage automatique en cas de coupure électrique.  
Einstellungsspeicherung. Automatisches Starten nach einem Netzausfall.

**Auto Recovery** : Recovers deeply discharged (min 2V) and/or sulfated batteries.

**Auto Recovery** : Récupération des éléments des batteries profondément déchargées (mini 2V) et/ou sulfatées.  
**Auto Recovery**: Wiederherstellung der Zellen bei tiefentladenen bzw. sulfatierten Batterien (min. 2V).

### SPECIAL PROJECT - CONTACT US

Contact us for special projects. Quick customization : CAN BUS / CAN Open / J1939 / NMEA 2000 / RS485 / SM BVS / Automation / Relays...

**SC SMART COOLING TECHNOLOGY**

**100% DUST PROOF**

**SILENT**

**HIGH EFFICIENCY**  
Up to 15% Energy Saving  
**93%**

**ALU RUST PROTECTION**

**ULTRA LIGHTWEIGHT**

**VIBRATION & SHOCK RESISTANT**

**-25 / +60°C**



# ENERGY DC · DC CHARGER

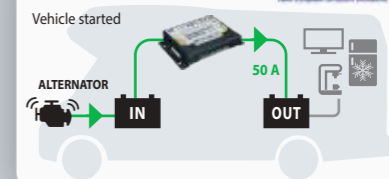
## DC · DC CONVERTER REVERSIBLE

- Pb** ✓ Liquid / Gel, AGM
- Lithium** ✓ LiFePO4
- ✓ EURO 6 STANDARD
- ✓ E-MARK N°: E2\*10R06/03\*24163\*00

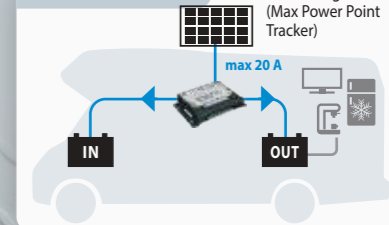


BROCHURE  
RV  
EQUIPMENT

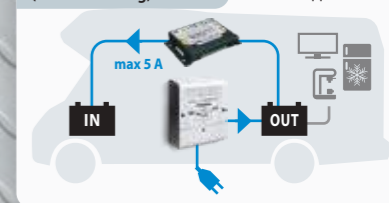
### EURO 6 STANDARD



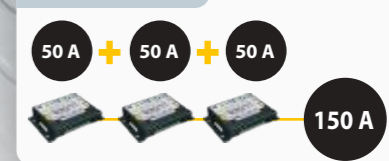
### SOLAR REGULATOR



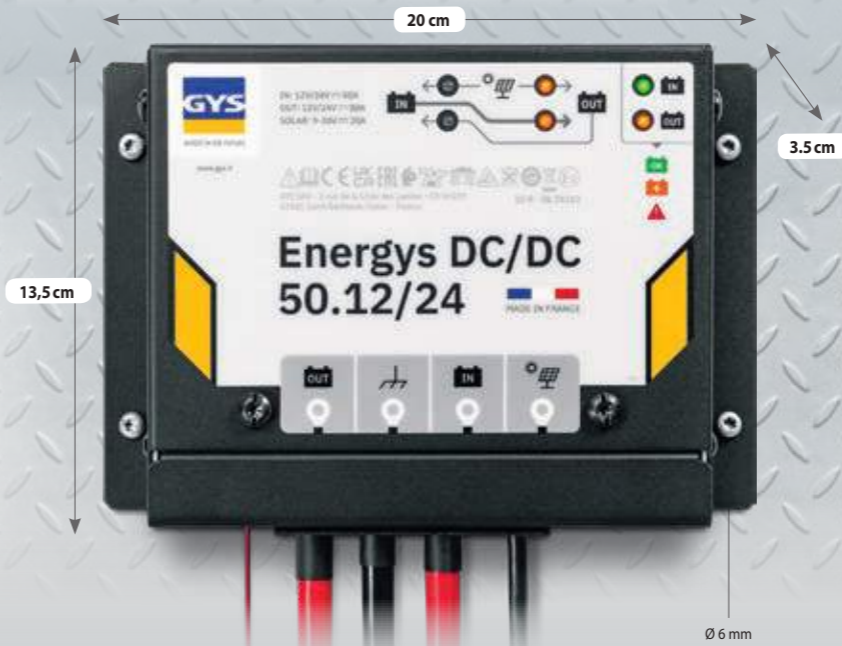
### REVERSIBLE CHARGE (Over-wintering) WITH GYSFLASH vehicle stopped



### MORE OUTPUT POWER PARALLEL CHARGING



### OPEN & CONNECT



ENERGY DC/DC 50.12 / 24

**50 A**

072534

Bat. input		Bat. output		Solar input		EFFICIENCY	Zz	mm	g
U	I max	U	I max	U <sub>MPPT</sub>	I max				
12/24V	50A	12/24V	50A	9-30V	20A	98%	<2.5 mA	135 x 35 x 200	560



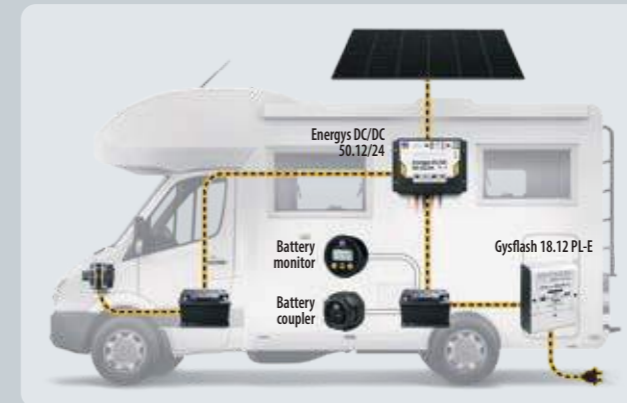
**Battery monitor** - Moniteur de batterie - Schlagzeugmonitor - Monitor de batería - Monitoraggio della batteria - Monitor baterii

12/24/36/48 V

**Data analysis** : Charge/discharge current (0-500A), Voltage (V), Temperature (°C), Input/output power (W), Remaining capacity (Ah)

**Security detection** : Overvoltage/ Undervoltage, Overcurrent, Overheating

082557



**Battery coupler** - Coupleur de batteries - Acoplador de batería - Batteriekoppler - Innesto batteria - Separator akumulatora

12 V - 140 A  
Pb battery only  
Euro 6 not compatible

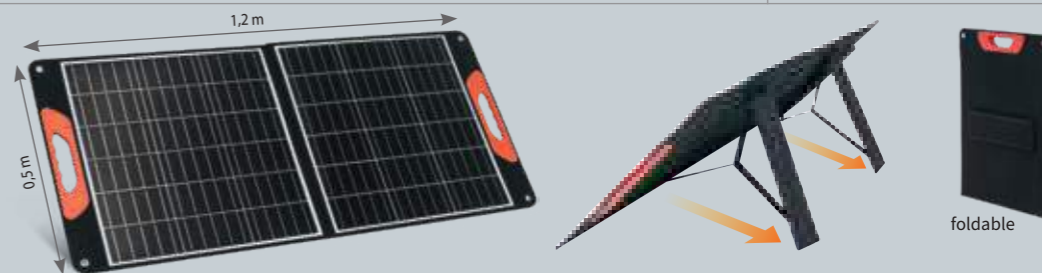
082564



### Solar panel

monocrystalline ETFE quality 18V 100 W max

OUTPUT  
USB 1 : 5V/3A  
USB 2 : 5V/3A; 9V/2A; 12V/1.5A  
Type C : 5V/3A; 9V/2A; 12V/1.5A  
Jack : 18V/5.6A max compatible with Energys DC/DC 50.12/24  
079410



MADE IN FRANCE	50 / 60 Hz	START MINI	I max	25°C @ 100%				40°C @ 100%				50°C @ 100%				60°C @ 100%				Zz	Ondulation/ Ripple	IP	g	mm	L x W x H cm / kg
				Pb	LFP	<0.4 Ah /month	<0.4 Ah /month	<0.4 Ah /month	<0.4 Ah /month	Pb	LFP	<0.4 Ah /month	<0.4 Ah /month	Pb	LFP	<0.4 Ah /month	<0.4 Ah /month	Pb	LFP						
GYSFLASH 18.12 PL-E	230V	12V	300W	2V	18A	18A	16A	14A	12.5A	36 > 270 Ah	18 > 270 Ah	<150 mV Rms	20	1.3 kg	21.5 x 17.5 x 7 cm	30 x 27 x 13 / 1.7									
GYSFLASH 30.12 PL-E	230V	12V	500W	2V	30A	30A	27A	23A	18A	60 > 400 Ah	30 > 400 Ah	<150 mV Rms	20	1.6 kg	21.5 x 8 x 17.5 cm	—									
GYSFLASH 15.24 PL-E	230V	24V	500W	2V	15A	15A	13.5A	11.5A	9A	30 > 240 Ah	15 > 240 Ah	<150 mV Rms	20	1.6 kg	21.5 x 8 x 17.5 cm	29 x 13 x 27 / 2									
GYSFLASH 8.48 PL-E	230V	48V	500W	2V	8A	8A	6A	4.5A	3.5A	15 > 160 Ah	8 > 160 Ah	<150 mV Rms	20	1.6 kg	21.5 x 8 x 17.5 cm	—									



# BSU BATTERY SUPPORT UNITS

- Battery support for:
- ✓ Diagnostics
  - ✓ ECU programming
  - ✓ ADAS recalibration



NEW DESIGN 2026



OLD DESIGN



22 languages

- GB DK CZ
- FR FI PL
- DE TR SK
- NL HR UA
- ES GR
- PT HU
- IT CN simplified
- RU CN traditional
- SE JP

PFC POWER FACTOR CORRECTION

FV FLEXIBLE VOLTAGE

85 V ← 265 V



YouTube PLAYLIST GYSFLASH PRO

✓ SHOWROOM



10.5 cm



NEW DESIGN 02 / 2026



NEW DESIGN 02 / 2026



NEW DESIGN 02 / 2026



NEW DESIGN 02 / 2026



NEW DESIGN 02 / 2026



NEW DESIGN 01 / 2026

## 12 V

GYSFLASH 30.12

30 A

PFC SC

2,5 m - 6 mm<sup>2</sup>  
029224



GYSFLASH 50.12 FV

50 A

PFC FV SC

2,5 m - 10 mm<sup>2</sup>  
026056



GYSFLASH 100.12

100 A

PFC SC

2,5 m - 16 mm<sup>2</sup>  
029071



5 m - 16 mm<sup>2</sup>  
029415  
029002  
082304

## 6 / 12 / 24 V

GYSFLASH 30.24

30 A

PFC SC

2,5 m - 6 mm<sup>2</sup>  
029231



GYSFLASH 50.24

50 A

PFC SC

2,5 m - 10 mm<sup>2</sup>  
029095  
5 m - 10 mm<sup>2</sup>  
029620



## 12 V

GYSFLASH 102.12

100 A

PFC SC

5 m - 16 mm<sup>2</sup>  
029606  
082311



INCLUDED

Fixing kit for Gysflash 102.12



SC SMART COOLING TECHNOLOGY

100% DUST PROOF

SILENT

SMART PB & LiFePO4

Pb : 8-step

- Status analysis
- Recovery
- Sulphation test
- Desulphation
- Fast charge 80%
- Absorption
- Refresh
- Floating 100%

LiFePO4: 7-step

- Status analysis
- Recovery
- Fast charge 90%
- Absorption 95%
- Completion
- Equalization
- Floating 100%

CHARGE

Pb AUTOMOTIVE

- ✓ GEL
- ✓ AGM
- ✓ LIQUID
- ✓ EASY
- ✓ EXPERT

Pb TRACTION

- ✓ GEL
- ✓ LIQUID

LITHIUM READY

- ✓ LFP/LiFePO<sub>4</sub>

BSU

DIAG +

SHOWROOM

CHANGE BATTERY

POWER SUPPLY

U2 & I2 max ADJUSTABLE

MADE IN FRANCE

	50 / 60 Hz	I max	25°C @100%	40°C @100%	START MINI	IP	TRACTION BATTERIES	L	mm <sup>2</sup>	SHOWROOM CONNECT	kg	mm	L x W x H cm / kg				
GYSFLASH 30.12	220 > 240V	540 W	2,5 m	12V	30 A	30 A	30 A	10 > 400 Ah	2V	21	—	2,5 m	6	0 M6	2,8 kg	25,5 x 10,5 x 23 cm	41,4 x 31,1 x 25 / 4,9
GYSFLASH 50.12 FV	100 > 240V	850 W	2,5 m	12V	50 A	50 A	40 A	10 > 600 Ah	2V	21	—	2,5 m	10	0 M6	4,4 kg	30 x 10,5 x 29,2 cm	41 x 39 x 22,5 / 6,5
GYSFLASH 100.12	220 > 240V	1600 W	2,5 m	12V	100 A	75 A	66 A	20 > 1200 Ah	2V	21	—	2,5 m 5 m	16	0 M6	4,7 kg	32 x 10,5 x 29,2 cm	41 x 39 x 22,5 / 7,2 41 x 39 x 22,5 / 8
GYSFLASH 30.24	220 > 240V	540 W	2,5 m	6V/12V	30 A	30 A	30 A	10 > 400 Ah	2V	21	•	2,5 m	6	0 M6	2,8 kg	25,5 x 10,5 x 23 cm	41,4 x 31,1 x 25 / 4,9
GYSFLASH 50.24	220 > 240V	1600 W	2,5 m	6V/12V 24 V	50 A	50 A	50 A	10 > 600 Ah	2V	21	•	2,5 m 5 m	10	0 M6	4,4 kg	30 x 10,5 x 29,2 cm	41 x 39 x 22,5 / 6,5 41 x 39 x 22,5 / 7,9
GYSFLASH 102.12	220 > 240V	1600 W	2,5 m	12V	100 A	75 A	66 A	20 > 1200 Ah	2V	21	—	5 m	16	0 M6	5,5 kg	34,4 x 29,1 x 12 cm	41 x 39 x 22,5 / 8,7



# BSU BATTERY SUPPORT UNITS

- Battery support for:
- ✓ Diagnostics
  - ✓ ECU programming
  - ✓ ADAS recalibration



**CNT**  
Connected Technology  
**FULLY CUSTOMIZABLE**  
p.34



- 22 languages**
- GB DK CN simplified
  - FR FI TR CN traditional
  - DE TR JP
  - NL HR GR
  - ES GR CZ PL SK UA
  - PT PL SK UA
  - IT RU SE HU
  - RU SE HU

- FV FLEXIBLE VOLTAGE**  
85 V ← 265 V
- PFC POWER FACTOR CORRECTION**
- 16 V** ✓  
**COMPATIBLE WITH 16V BATTERIES**

12 V (factory preset)  
16/24 V READY  
Use custom configuration tool (detail p.34)



**NEW DESIGN 01 / 2026**



**NEW DESIGN 02 / 2026**



**NEW DESIGN 02 / 2026**

**NEW DESIGN 02 / 2026**



**NEW DESIGN 02 / 2026**



**NEW DESIGN 02 / 2026**

✓ **SHOWROOM**



- 10.5 cm**  
51.12 CNT  
101.12 CNT
- 13 cm**  
121.12 CNT FV  
125.12 CNT FV  
101.24 CNT FV  
51.48 CNT FV

## GYSFLASH 51.12 CNT FV

50 A

PFC FV SC CNT

2,5 m - 10 mm<sup>2</sup>  
068179



## GYSFLASH 101.12 CNT FV

100 A

PFC FV SC CNT

2,5 m - 16 mm<sup>2</sup>  
025790

5 m - 16 mm<sup>2</sup>  
026988



## 12 V

## GYSFLASH 121.12 CNT FV

120 A

PFC FV CNT

5 m - 25 mm<sup>2</sup>  
026971

UK: 027756 | US: 071605 | AU: 082298

no accessories  
JP: 027923



## GYSFLASH 125.12 CNT FV

120 A 120 A @ 100%

PFC FV CNT

5 m - 25 mm<sup>2</sup>  
028883

AU: 082274



## 6 / 12 / 16 / 24 V

## GYSFLASH 101.24 CNT FV

100 A

PFC FV CNT

16 V ✓

5 m - 25 mm<sup>2</sup>  
025967



## 6 / 12 / 16 / 24 / 36 / 48 V

## GYSFLASH 51.48 CNT FV

50 A

PFC FV CNT

16 V ✓

5 m - 10 mm<sup>2</sup>  
072015



**SC SMART COOLING TECHNOLOGY**

100% DUST PROOF

**SILENT**

**SMART 9 STEP**

**Pb**

- Status analysis
- Recovery
- Sulphation test
- Desulphation
- Fast charge 80%
- Absorption
- Test Absorption
- Refresh
- Floating 100%

**LiFePO<sub>4</sub>**

- Status analysis
- UVP Wake Up (Under Voltage Protection). Battery reactivation when in UVP protection
- Recovery
- Fast charge 90%
- Absorption 95%
- Test
- Completion
- Equalization
- Floating 100%

**CHARGE (150 CURVE CAPACITY)**

**Pb AUTOMOTIVE**

- ✓ GEL
- ✓ AGM
- ✓ LIQUID
- ✓ EASY
- ✓ NORMAL
- ✓ BOOST
- ✓ RECOVERY+
- ✓ and more

**Pb TRACTION**

- ✓ GEL
- ✓ LIQUID
- ✓ and more

**LITHIUM**

- ✓ LFP/LiFePO<sub>4</sub>
- ✓ LI-ION STD
- ✓ LFP CELL+
- ✓ LI-ION CELL+
- ✓ and more

**BSU (10 CURVE CAPACITY)**

**DIAG +**

**SHOWROOM**

**CHANGE BATTERY**

**POWER SUPPLY**

**AND MORE**

**✓ TEST**

- ✓ VOLTAGE
- ✓ START UP
- ✓ ALTERNATOR

**✓ STARTER**

- ✓ START

**fn Connected Modules & Technology p.36**

MADE IN FRANCE

	50 / 60 Hz	I <sub>max</sub>	25°C @ 100%	40°C @ 100%	START MINI	IP	L	mm <sup>2</sup>	TRACTION BATTERIES	SHOWROOM CONNECT	Weight	L x W x H cm / kg
<b>GYSFLASH 51.12 CNT FV</b>	220 > 240 V	1600 W	230 V : 50 A	230 V : 40 A	10 · 600 Ah	1 V	41	2,5 m	10	0 M6	4,6 kg	30 × 10,5 × 29,2 cm / 6,8
	100 > 127 V	800 W	110 V : 25 A	110 V : 22 A								41 × 39 × 22,5 cm / 7,5
<b>GYSFLASH 101.12 CNT FV</b>	220 > 240 V	1600 W	230 V : 100 A	230 V : 66 A	20 · 1200 Ah	1 V	21	5 m	16	0 M6	5,1 kg	32 × 10,5 × 29,2 cm / 8,6
	100 > 127 V	800 W	110 V : 50 A	110 V : 40 A								41 × 39 × 22,5 cm / 8,6
<b>GYSFLASH 121.12 CNT FV</b>	220 > 240 V	2000 W	230 V : 120 A	230 V : 90 A	20 · 1500 Ah	1 V	20	5 m	25	0 M6	5,9 kg	32,5 × 13 × 27,2 cm / 10,4
	100 > 127 V	1500 W	110 V : 75 A	110 V : 55 A								41 × 39 × 22,5 cm / 10,4
<b>GYSFLASH 125.12 CNT FV</b>	220 > 240 V	2000 W	230 V : 120 A	230 V : 116 A	20 · 1500 Ah	1 V	40	5 m	25	0 M6	6,3 kg	33,4 × 13 × 28 cm / 10,8
	100 > 127 V	1500 W	110 V : 100 A	110 V : 77 A								41 × 39 × 22,5 cm / 10,8
<b>GYSFLASH 101.24 CNT FV</b>	220 > 240 V	3200 W	110 V : 72 A	110 V : 47 A	20 · 1200 Ah	1 V	20	5 m	25	0 M6	6 kg	32,5 × 13 × 27,2 cm / 10,5
	100 > 127 V	1500 W	230 V : 100 A	230 V : 59 A								41 × 39 × 22,5 cm / 10,5
<b>GYSFLASH 51.48 CNT FV</b>	220 > 240 V	3200 W	230 V : 50 A	230 V : 35 A	10 · 600 Ah	1 V	20	5 m	10	0 M6	5,6 kg	32,5 × 13 × 27,2 cm / 9
	100 > 127 V	1500 W	110 V : 25 A	110 V : 19 A								41 × 39 × 22,5 cm / 9



# BSU BATTERY SUPPORT UNITS

- Battery support for:
- ✓ Diagnostics
  - ✓ ECU programming
  - ✓ ADAS recalibration



22 languages

- |    |    |    |    |    |    |    |                |
|----|----|----|----|----|----|----|----------------|
| GB | NL | IT | DK | HR | PL | UA | CN simplified  |
| FR | ES | RU | FI | GR | SK |    | CN traditional |
| DE | PT | SE | TR | CZ | HU |    | JP             |



NEW DESIGN 12 / 2025



NEW DESIGN 02 / 2026



NEW DESIGN 04 / 2026



NEW DESIGN 01 / 2026

**INCLUDED**

Fixing kit

**OPTIONS**

Magnetfix 50 029637

GYSFLASH PRO vertical wall mounting kit 082694

**CNT Connected Technology**

**FULLY CUSTOMIZABLE** p.34

**PFC POWER FACTOR CORRECTION**

**16 V COMPATIBLE WITH 16V BATTERIES**

**FV FLEXIBLE VOLTAGE**

85 V ← 265 V

## 12 V

GYSFLASH 103.12 CNT FV

100 A

PFC FV SC CNT

5 m - 16 mm<sup>2</sup>  
072008



GYSFLASH 123.12 CNT FV

120 A

PFC FV CNT

5 m - 25 mm<sup>2</sup>  
025677



## 6 / 12 / 16 / 24 V

GYSFLASH 53.24 CNT FV

50 A

PFC FV CNT SC 16 V

5 m - 10 mm<sup>2</sup>  
082540



GYSFLASH 103.24 CNT FV

100 A

PFC FV CNT 16 V

5 m - 25 mm<sup>2</sup>  
025684



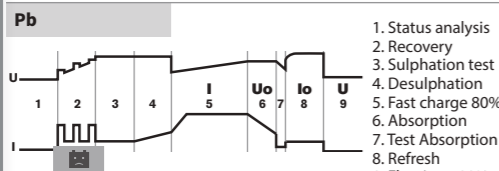
SC

SMART COOLING TECHNOLOGY

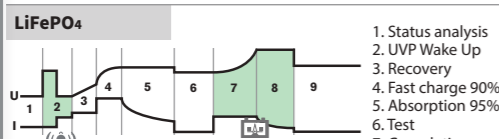
100% DUST PROOF

SILENT

### SMART 9 STEP



- Status analysis
- Recovery
- Sulphation test
- Desulphation
- Fast charge 80%
- Absorption
- Test Absorption
- Refresh
- Floating 100%



- Status analysis
- UVP Wake Up (Under Voltage Protection). Battery reactivation when in UVP protection
- Recovery
- Fast charge 90%
- Absorption 95%
- Test
- Completion
- Equalization
- Floating 100%

### CHARGE (150 CURVE CAPACITY)

- Pb AUTOMOTIVE**
- ✓ GEL
  - ✓ AGM
  - ✓ LIQUID
  - ✓ EASY
  - ✓ NORMAL BOOST RECOVERY+ and more

- Pb TRACTION**
- ✓ GEL
  - ✓ LIQUID
  - ✓ and more

- LITHIUM**
- ✓ LFP/LiFePO<sub>4</sub>
  - ✓ LI-ION STD
  - ✓ LFP CELL+
  - ✓ LI-ION CELL+ and more

### BSU (10 CURVE CAPACITY)

DIAG + U2 ADJUSTABLE

CHANGE BATTERY

POWER SUPPLY U2 & I2 max ADJUSTABLE

AND MORE

- ✓ TEST
- ✓ VOLTAGE
  - ✓ START UP
  - ✓ ALTERNATOR
- ✓ STARTER
- ✓ START

### CNT

Connected Modules & Technology p.36



MADE IN FRANCE

	50 / 60 Hz	I max	25°C @ 100%	40°C @ 100%	START MINI	IP	mm <sup>2</sup>	TRACTION BATTERIES	SHOWROOM CONNECT	kg	L x W x H cm / kg		
GYSFLASH 103.12 CNT FV	220 > 240V	1600 W	230 V : 100 A	230 V : 75 A	230 V : 66 A	1 V	21	5 m	16	—	0 M6	5.8 kg	34.4 × 29.1 × 12 cm / 9.2
	100 > 127V	800 W	110 V : 50 A	110 V : 50 A	110 V : 40 A	1 V	30	5 m	25	•	0 M6	6.4 kg	34 × 25.4 × 15 cm / 11
GYSFLASH 123.12 CNT FV	220 > 240V	2000 W	230 V : 120 A	230 V : 120 A	230 V : 120 A	1 V	30	5 m	25	•	0 M6	6.4 kg	34 × 25.4 × 15 cm / 11
	100 > 127V	1500 W	110 V : 100 A	110 V : 100 A	110 V : 85 A	1 V	21	5 m	10	•	0 M6	5.5 kg	34.4 × 29.1 × 12 cm / 8.6
GYSFLASH 53.24 CNT FV	220 > 240V	1600 W	230 V : 50 A	230 V : 50 A	230 V : 41 A	1 V	21	5 m	10	•	0 M6	5.5 kg	34.4 × 29.1 × 12 cm / 8.6
	100 > 127V	800 W	110 V : 25 A	110 V : 25 A	110 V : 22 A	1 V	30	5 m	25	•	0 M6	6.4 kg	34 × 25.4 × 15 cm / 11
GYSFLASH 103.24 CNT FV	220 > 240V	3200 W	230 V : 100 A	230 V : 95 A	230 V : 72 A	1 V	30	5 m	25	•	0 M6	6.4 kg	34 × 25.4 × 15 cm / 11
	100 > 127V	1500 W	110 V : 50 A	110 V : 50 A	110 V : 47 A	1 V	21	5 m	10	•	0 M6	5.5 kg	34.4 × 29.1 × 12 cm / 8.6



# BSU BATTERY SUPPORT UNITS

- Battery support for:
- ✓ Diagnostics
  - ✓ ECU programming
  - ✓ ADAS recalibration

**CNT**  
Connected Technology  
**FULLY CUSTOMIZABLE**  
p.34

- FV FLEXIBLE VOLTAGE**  
85 V ← 265 V  
10 V 20 V  
**PFC POWER FACTOR CORRECTION**  
**16 V COMPATIBLE WITH 16V BATTERIES**



- 19 languages**
- GB FI
  - FR TR
  - DE HR
  - NL GR
  - ES CZ
  - PT PL
  - HU SK
  - IT UA
  - RU
  - SE
  - DK



6 / 12 / 16 / 24V

GYSFLASH 107.24 CNT FV

100 A

- PFC FV CNT 16 V

5 m - 25 mm<sup>2</sup>  
082939



12V

GYSFLASH 157.12 CNT FV

150 A

- PFC FV CNT

089969



**INCLUDED**  
Fixing kit

**OPTIONS**  
Magnetfix 50 029637

**GYSFLASH PRO vertical wall mounting kit** 082694



- 22 languages**
- GB NL IT DK HR PL UA CN simplified
  - FR ES RU FI GR SK CN traditional
  - DE PT SE TR CZ HU JP



NEW DESIGN 06 / 2026



old design



NEW DESIGN 01 / 2026



old design

6 / 12 / 16 / 24 / 36 / 48V

GYSFLASH 25.48 CNT FV

25 A

- PFC SC FV CNT 16 V

5 m - 10 mm<sup>2</sup>  
075962



GYSFLASH 53.48 CNT FV

50 A

- PFC FV CNT 16 V

5 m - 10 mm<sup>2</sup>  
025998



**SC**

**SMART COOLING TECHNOLOGY**

**100% DUST PROOF**

**SILENT**

**SMART 9 STEP**

**Pb**

- Status analysis
- Recovery
- Sulphation test
- Desulphation
- Fast charge 80%
- Absorption
- Test Absorption
- Refresh
- Floating 100%

**LiFePO<sub>4</sub>**

- Status analysis
- UVP Wake Up
- Recovery
- Fast charge 90%
- Absorption 95%
- Test
- Completion
- Equalization
- Floating 100%

UVP Wake up (Under Voltage Protection). Battery reactivation when in UVP protection

Equalizing Balancing System 100% Perfect charge

**CHARGE (150 CURVE CAPACITY)**

**Pb AUTOMOTIVE**

- ✓ GEL
- ✓ AGM
- ✓ LIQUID
- ✓ EASY
- ✓ NORMAL
- ✓ BOOST
- ✓ RECOVERY+
- ✓ and more

**Pb TRACTION**

- ✓ GEL
- ✓ LIQUID
- ✓ and more

**LITHIUM**

- ✓ LFP/LiFePO<sub>4</sub>
- ✓ LI-ION STD
- ✓ LFP CELL+
- ✓ LI-ION CELL+
- ✓ and more

**BSU (10 CURVE CAPACITY)**

**DIAG +**

U2 ADJUSTABLE

**CHANGE BATTERY**

**POWER SUPPLY**

U2 & I2 max ADJUSTABLE

**AND MORE**

**TEST**

- ✓ VOLTAGE
- ✓ START UP
- ✓ ALTERNATOR

**STARTER**

- ✓ START

**CNT**

**Connected Modules & Technology** p.36

MADE IN FRANCE	50/60 Hz	I max	25°C @ 100%	40°C @ 100%	START MINI	IP	L	mm <sup>2</sup>	TRACTION BATTERIES	SHOWROOM CONNECT	Weight	L x W x H cm / kg				
<b>GYSFLASH 107.24 CNT FV</b>	220 > 240V	3200W	6/12V	100 A	100 A	230V : 79 A 110V : 68 A	20 > 1200 Ah	1V	30	5 m	25	•	0 M6	6,4 kg	34 × 25,4 × 15 cm	41 × 39 × 22,5 / 11
	100 > 127V	1500W	24V	230V : 100 A 110V : 50 A	230V : 95 A 110V : 50 A	230V : 72 A 110V : 47 A										
<b>GYSFLASH 157.12 CNT FV</b>	220 > 240V	2500W	12V	230V : 150 A 110V : 100 A	230V : 120 A 110V : 100 A	230V : 116 A 110V : 77 A	20 > 1800 Ah	1V	40	5 m	25	•	0 M6	ND	33,4 × 13 × 28 cm	41 × 39 × 22,5 / ND
	100 > 127V	1500W														
<b>GYSFLASH 25.48 CNT FV</b>	220 > 240V	1600W	6/12/24V	25 A	230V : 24 A 110V : 19 A	230V : 22 A 110V : 12 A	10 > 300 Ah	1V	21	5 m	10	•	0 M6	5,5 kg	34,4 × 29,1 × 12 cm	41 × 39 × 22,5 / 8,8
	100 > 127V	800W	36/48V	230V : 25 A 110V : 12 A	230V : 24 A 110V : 12 A	230V : 20 A 110V : 10 A										
<b>GYSFLASH 53.48 CNT FV</b>	220 > 240V	3200W	6/12/24V	50 A	50 A	230V : 41 A 110V : 28 A	10 > 600 Ah	1V	30	5 m	10	•	0 M6	5,9 kg	34 × 25,4 × 15 cm	41 × 39 × 22,5 / 9,5
	100 > 127V	1500W	36/48V	230V : 50 A 110V : 25 A	230V : 48 A 110V : 26 A	230V : 37 A 110V : 20 A										



# BSU BATTERY SUPPORT UNIT & STARTER

CNT Connected Technology

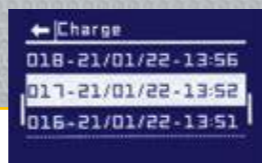
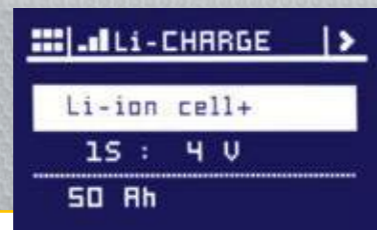
- Battery support for:
- ✓ Diagnostics
  - ✓ ECU programming
  - ✓ ADAS recalibration

### SPECIAL PROJECTS

Contact us for special projects.  
Quick Customization:  
Modes, Curves, parameters...

### 19 languages

- GB RU GR
- FR SE CZ
- DE DK PL
- NL FI SK
- ES TR UA
- PT HR
- IT HU



## 4 in 1

### AUTOMATIC CHARGE

#### Pb AUTOMOTIVE

- ✓ GEL
- ✓ AGM
- ✓ LIQUID
- ✓ EASY
- ✓ EXPERT
- ✓ NORMAL
- ✓ BOOST
- ✓ RECOVERY+

#### Pb TRACTION

- ✓ GEL
- ✓ LIQUID

#### LITHIUM READY

- ✓ LFP/LiFePO<sub>4</sub>
- ✓ LI-ION STD
- ✓ LFP CELL+
- ✓ LI-ION CELL+

### BSU

#### DIAG +



#### SHOWROOM



#### CHANGE BATTERY



#### POWER SUPPLY



### AUTOMATIC STARTER

✓ START

### TEST

- ✓ VOLTAGE
- ✓ START UP
- ✓ ALTERNATOR

- FULL PROTECTION**
- On-board electronics
  - Over voltage
  - No sparks

- UNIVERSAL MODE
- AUTO SELECTION
- SULFATED BATTERIES
- START STOP ALL BATTERIES
- GO >1V

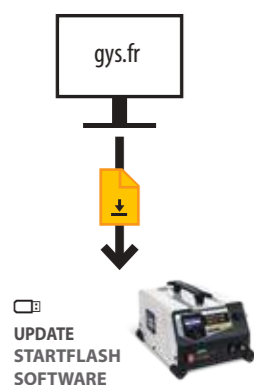
**PFC POWER FACTOR CORRECTION**  
185V ← 265V

**1 WORLD FIRST**  
Inverter Pb & Li All-in-one



### CNT Connected Technology

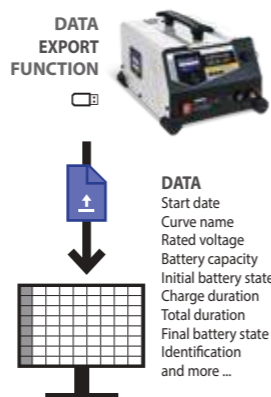
#### SOFTWARE UPDATE



#### CUSTOMIZATION



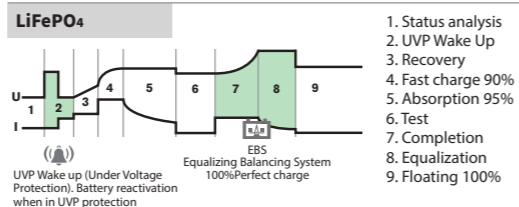
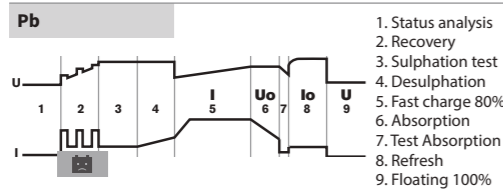
#### TRACEABILITY



Connected Modules & Technology p.36



### SMART 9 STEP



## 6/12/16/24V

### STARTFLASH 120.24 CNT

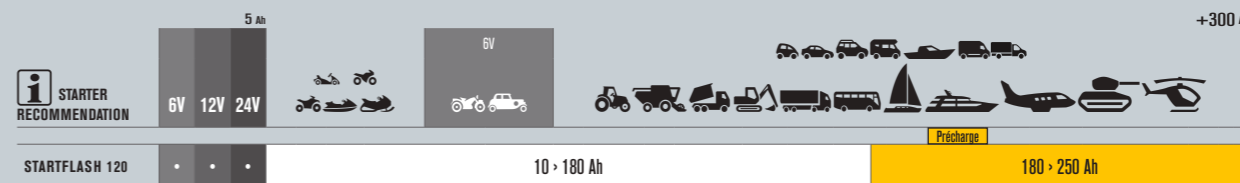
## 2, 300 A

5 m - 25 mm<sup>2</sup> 700 A

073616

### OPTION

Trolley 074965



MADE IN FRANCE	50 / 60 Hz	CHARGE	START MINI	CHARGE			TRACTION BATTERIES	START			IP	LxWxH cm / kg	LxWxH cm / kg	
				I max	25°C @100%	40°C @100%		1V/C	0V/C	AUTO START				
STARTFLASH 120.24 CNT	85 > 265 V	6/12/24V	3500W	2V	110V: 100A	75 A	55 A	•	6/12/24V	150 A	150 A	20	49 x 37.5 x 30.5 / 14	41.5 x 32.5 x 25.5 / 18.5
					230V: 120A	110 A	90 A		6V:	300 A	300 A			
									12V:	300 A	300 A			
								24V:	200 A	300 A				



BSU

# BATTERY SUPPORT UNITS

CNT  
Connected  
Technology



YouTube  
VIDEO  
EQUALIZE MODE

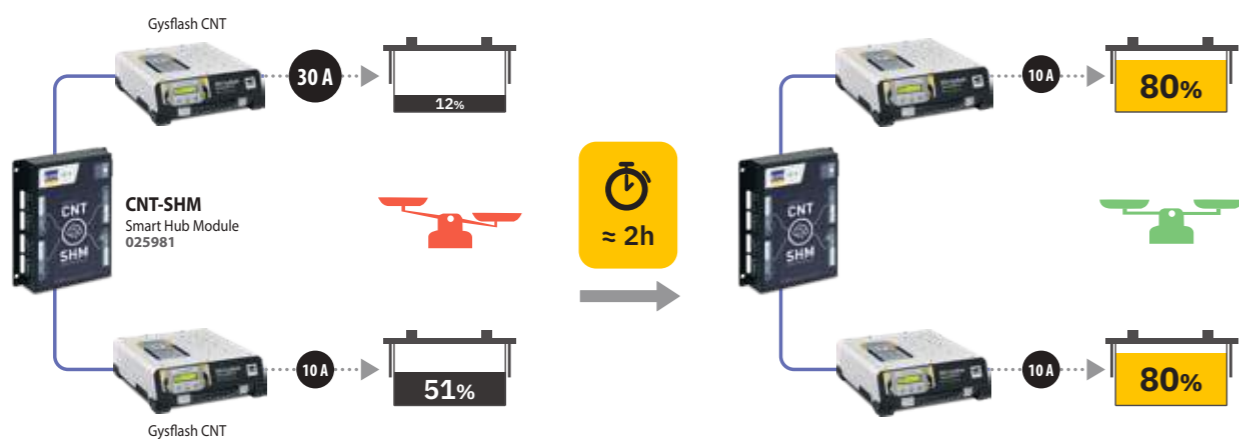
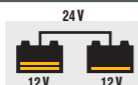


BROCHURE  
BATTERY  
BALANCING



## EQUALIZE MODE

### REBALANCE YOUR BATTERY PACK



## BENEFITS

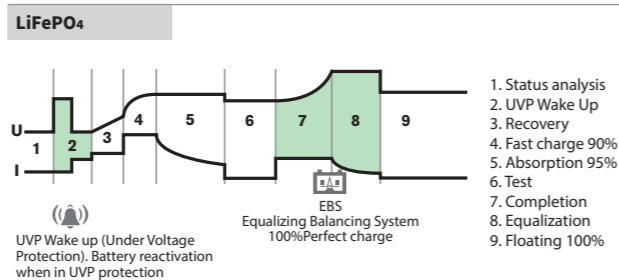
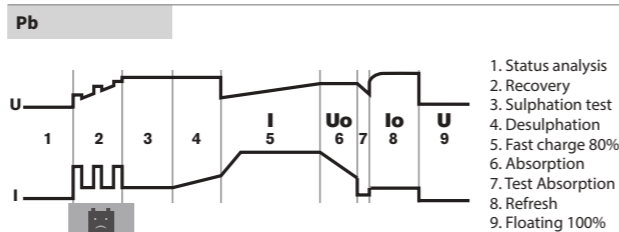
- Increased reliability
- Healthy batteries
- Waste reduction

## EQUALIZATION & BSU

Use all your BSU modes while balancing the batteries

- DIAG + U2 ADJUSTABLE
- SHOWROOM
- CHANGE BATTERY
- POWER SUPPLY U2 & I2 max ADJUSTABLE
- AND MORE

## SMART 9 STEP CHARGE



## GYSFLASH EQUALIZE PACKS



## EQUALIZE (2 x 12 V CHARGERS)



Gysflash 101.12 CNT FV  
026988  
12 V



Gysflash 101.12 CNT FV  
026988  
12 V



CNT SHM  
025981



SMC Cable (1m)  
056596



BSU Flash Plus  
085510

pack EQUALIZE 1  
085534

pack EQUALIZE 2  
085541

## EQUALIZE (2 x 24 V CHARGERS)



Gysflash 101.24 CNT FV  
025967  
24 V



Gysflash 101.24 CNT FV  
025967  
24 V



CNT SHM  
025981



SMC Cable (1m)  
056596



BSU Flash Plus  
085510

pack EQUALIZE 3  
085558

pack EQUALIZE 4  
085565

## CNT

Connected  
Modules  
& Accessories  
p.36





# BSU BATTERY SUPPORT UNITS

**CNT**  
Connected Technology  
**FULLY CUSTOMIZABLE**  
p.34

## CAR MANUFACTURING



YouTube

PLAYLIST  
CNT TECHNOLOGY

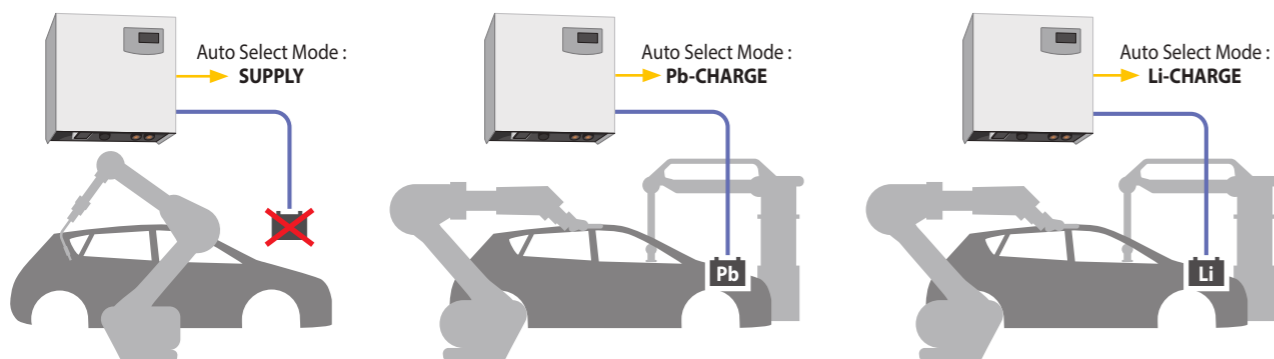
19 languages

- GB ES RU TR PL
- FR PT SE HR SK
- DE HU DK GR UA
- NL IT FI CZ

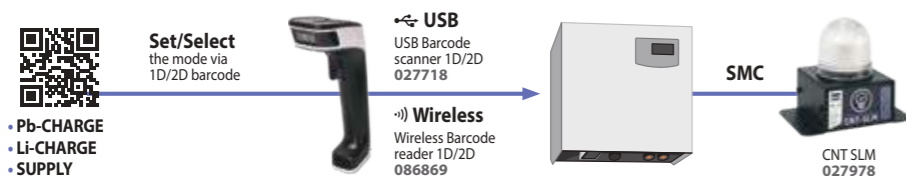


SPECIAL PROJECT - CONTACT US

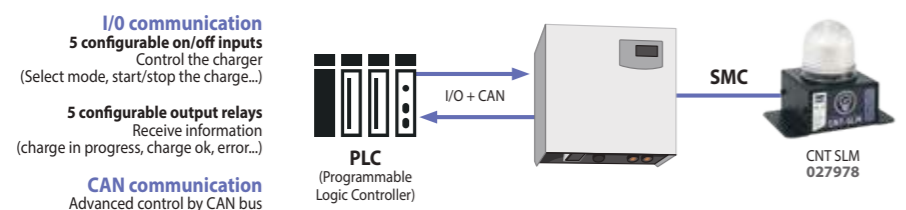
### AUTOMATIC BATTERY DETECTION & MODE SELECTION



### CONTROL VIA 1D/2D BARCODES



### ADVANCED AUTOMATION



### CHARGE (150 CURVE CAPACITY)

- Pb CHARGE**
- Li CHARGE**
- LEAD ACID and more
- LITHIUM and more

### SUPPLY (10 CURVE CAPACITY)

- EPS (External Power Supply)
- and more

### POWER-UP

- LITHIUM REACTIVATION MODE

### CONFIG DESIGNER MENU

Setting the charge curve from the Gysflash interface :

```

lead-acid n°001
U_esp 11.5 V
U_lade 14.8 V
I_lade 150.0 A
I_ehl 2.5 A
T_min 00:05:00
T_max 65:00:00
Q_max 250 Ah
T/Q_max error EHL
U_ehl 13.2 V
T_ges 250:00:00
U_low 5.0 V

```

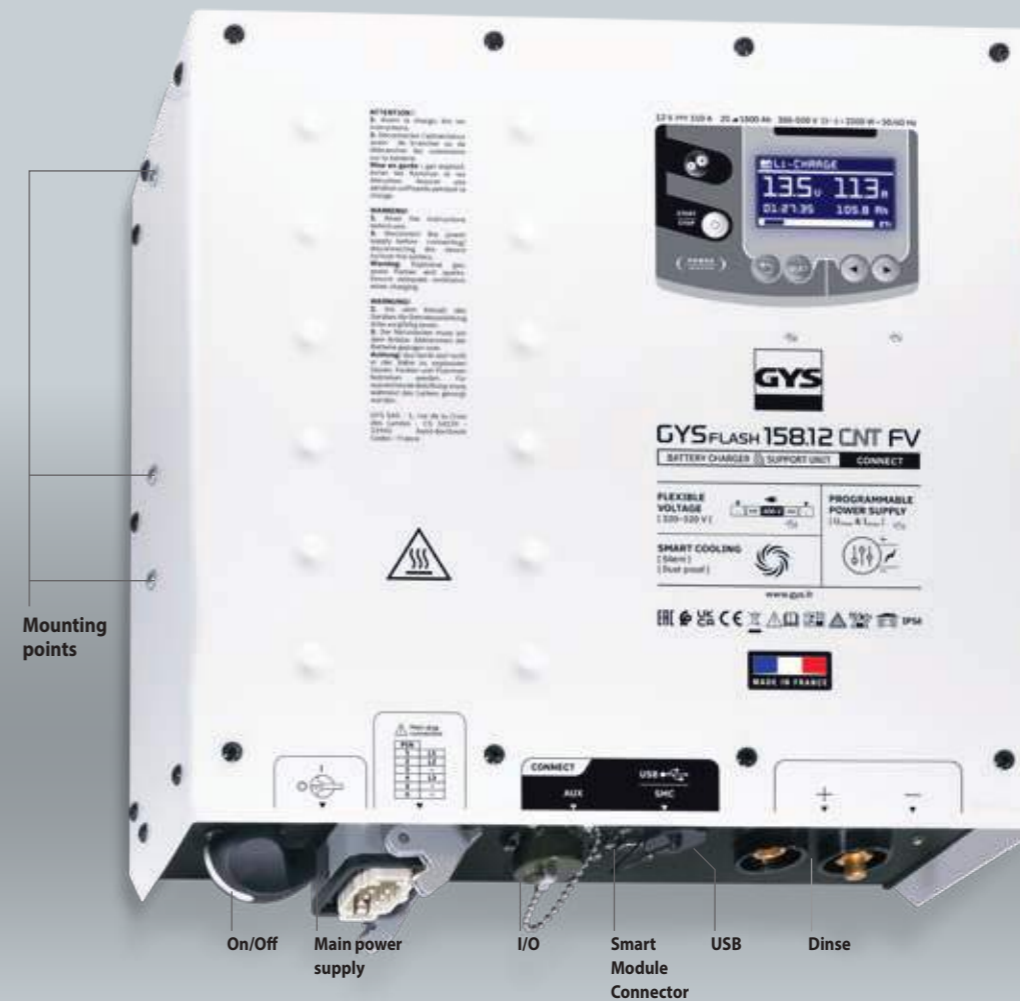
### SECURE ACCESS

- Customizable manual accesses
- Configurable password

PFC POWER FACTOR CORRECTION

FV FLEXIBLE VOLTAGE  
85 V ← 265 V

FV FLEXIBLE VOLTAGE  
320V ← 520V



ACCESSORIES p.39

SCREW CONNECTOR available on request

12 V

**GYSFLASH 108.12 CNT FV**  
**105 A** 1~  
PFC SC FV CNT  
no accessories  
085602

**GYSFLASH 148.12 CNT FV**  
**145 A** 1~  
PFC SC FV CNT  
no accessories  
069916

**GYSFLASH 158.12 CNT FV**  
**150 A** 3~  
SC FV CNT  
no accessories  
069909

MADE IN FRANCE	50 / 60 Hz		I max	25°C @ 100%				START MINI	IP	Weight	Dimensions		
	220-240V	1800W		230V : 105 A	40°C @ 100%	60°C @ 100%	230V : 88 A						
<b>GYSFLASH 108.12 CNT FV</b>	220-240V 100-127V	1800W 1000W	2.5 m	12V	230V : 105 A 110V : 65 A	230V : 105 A 110V : 65 A	230V : 105 A 110V : 65 A	230V : 88 A 110V : 62 A	20-1200 Ah	1V	54	9.4 kg	37.6 × 14.5 × 29.6 cm
<b>GYSFLASH 148.12 CNT FV</b>	220-240V 100-127V	2500W 1500W	2.5 m	12V	230V : 145 A 110V : 100 A	230V : 134 A 110V : 100 A	230V : 116 A 110V : 90 A	230V : 88 A 110V : 62 A	20-1800 Ah	1V	54	9.4 kg	37.6 × 14.5 × 29.6 cm
<b>GYSFLASH 158.12 CNT FV</b>	380-500V	2500W	-	12V	150 A	140 A	120 A	100 A	20-1800 Ah	1V	54	10.3 kg	37.6 × 14.5 × 38 cm



BSU

# BATTERY SUPPORT UNITS

**CNT**  
Connected  
Technology



### SOFTWARE UPDATE

### LIFETIME EVOLUTIONS



### TRACEABILITY

### CHARGING DATA



### DESIGN YOUR CHARGING CURVE

### PRODUCT CONFIGURATIONS

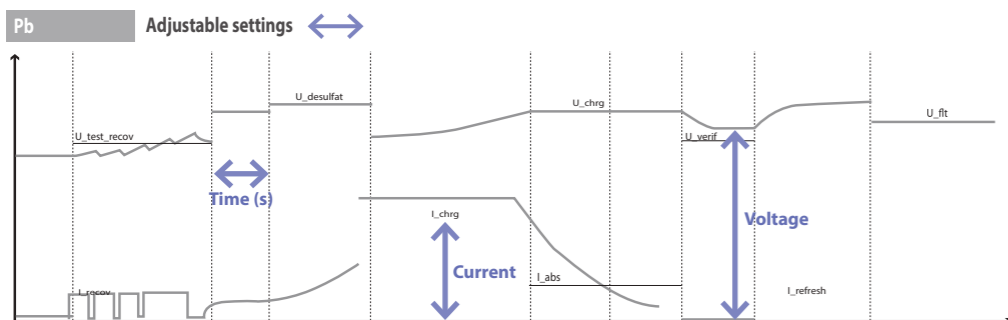
#### CNT MANAGER (gys.fr)

- GYSFLASH parameters
- Custom curves
- Multi-unit management
- Import/export configurations
- ...



Full customisation

#### Create your personalised configuration



#### Adjust your unit to best suit your application

	LEAD-ACID - PB	Lithium - LFP	Lithium - Li-ion std
<b>CELL VOLTAGE (20% - 100%)</b>	2.0V/cell – 2.15 V/cell	3.2V/cell – 3.6 V/cell	3.5 V/cell – 4.2 V/cell
<b>CHARGING VOLTAGE</b>	2.33 V/cell – 2.47 V/cell	3.6 V/cell	4.2 V/cell
<b>Gysflash xx.12 CNT</b>	1 S* – 6 S	1 S – 4 S	1 S – 3 S
<b>Gysflash xx.24 CNT</b>	1 S – 12 S	1 S – 8 S	1 S – 7 S
<b>Gysflash xx.48 CNT</b>	1 S – 24 S	1 S – 16 S	1 S – 14 S

\*S = Battery serial cells

#### Download one of our GYS configurations

Configuration file (gys.fr)	Applications	CHARGE MODE										POWER MODE					MISCELLANEOUS			
		Pb-CHARGE					LI-CHARGE			TRACTION		SHOWROOM	CHANGE BAT.	STARTER MODE	POWER SUPPLY	LI-SUPPLY/LFP	LI-SUPPLY/Li-ion	TESTER MODE		
		normal	AGM	liquid	Easy	Boost	Recovery + Ca / Ca recov	LFP/LiFePO4	Li-ion std	LFP cell+	Li-ion cell+								liquid	gel
1_gys_original.gfc	Initial configuration of the charger	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2_car_extended.gfc	Extensive features for garages	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3_showroom_only.gfc	Simplified version for dealerships and demonstration vehicles												✓							
4_pro_lithium.gfc	Professional of lithium battery									✓	✓	✓				✓	✓	✓		
5_traction.gfc	Forklift truck, electric pallet truck, stacker...																	✓	✓	
6_full_version.gfc	Full version	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



Contact us for special projects.

Quick Customization:  
Modes, Curves, parameters...

### MODULES

### MAXIMUM VERSATILITY

#### SINGLE MODULE



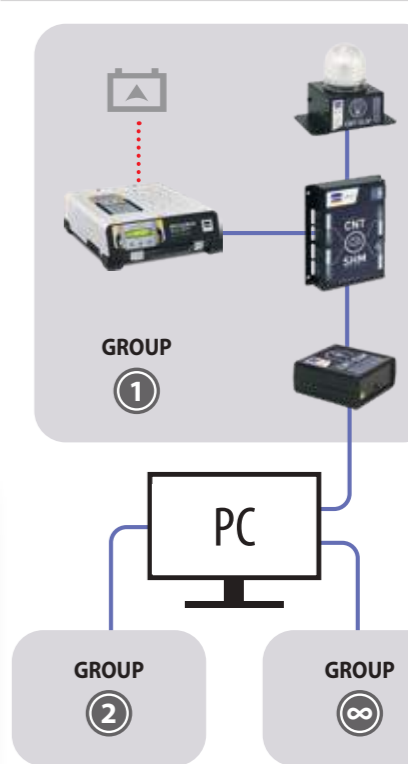
#### MULTI-MODULE



#### ADVANCED

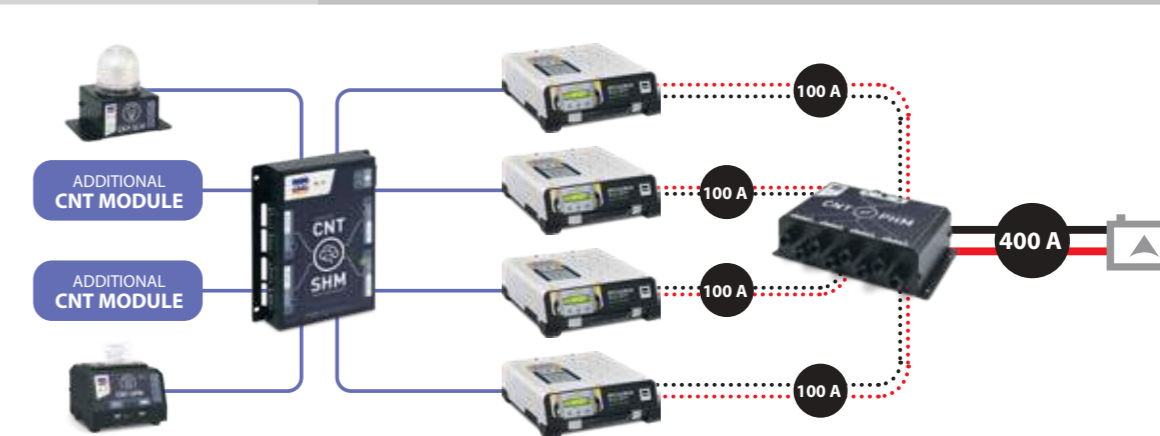


### MULTI-MODULE GROUPS

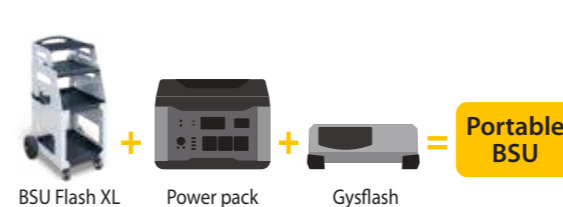


### PARALLEL CHARGING

EXAMPLE : GYSFLASH 101.12 CNT (X4)



### PORTABLE BSU



USAGE DURATION Power pack + Gysflash	GYSFLASH			
	30.12	50.12	100.12 / 103.12	121.12
POWER PACK 520	1 h 10	—	—	—
POWER PACK 14.22	3 h 10	1 h 50	1 h	45 min
POWER PACK 14.15 FC	3 h 10	1 h 50	1 h	—





# CNT TECHNOLOGY MODULES

CNT Connected Technology

## SMC CABLE

1 m 056596    3 m 025691



COMING SOON  
LoRa Sigfox  
CAN BUS and More...

## SCAN

- CRIT'AIR
- Customer data
- Battery data
- Charge data



**USB Barcode scanner**  
1D/2D  
027718

USB direct connection



**Wireless Barcode reader**  
1D/2D  
086869

Wireless

Download Brochure  
Télécharger la brochure



### OPTIONS

Barcode scanner support  
025745



## LIGHT & SOUND



Scratch mounted

**CNT-SLM**  
Smart Light Module  
027978

65dB

12.6 x 14.6 x 9.3 cm / 560g  
23 x 17 x 13 cm / 840g

- Pb charge
- Lithium charge
- OK
- Error

### OPTIONS

SLM/SPM support  
028906



## PRINT



Magnetic mounting

**CNT-SPM**  
Smart Printer Module  
026919

14 x 10.5 x 13.3 cm / 1.4 kg  
23 x 17 x 13 cm / 1.9 kg



Customizable receipt

Included SMC Cable - 1 m  
056596



Standard roller x2  
57mm x 7.5 m, Ø 25 mm  
056633

### OPTIONS

SLM/SPM support  
028906

USB Keyboard

AZERTY 027725  
QWERTY 027770

QWERTY compatibility

## BSU SMART COMMUNICATION

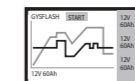


**CNT-SUM**  
Smart USB Module  
025974

USB micro A

6.9 x 6.8 x 2.9 cm / 85g  
28.5 x 11 x 11.5 cm / 380g

Computer /  
Diag System



Included  
SMC Cable - 1 m  
056596



Computer connection

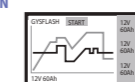


**CNT-SWM**  
Smart Wireless Module  
070837

Bluetooth LE    Wifi

6.9 x 6.8 x 2.9 cm / 85g  
27.6 x 9.6 x 9.6 cm / 440g

Computer /  
Diag System



Included  
SMC Cable - 1 m  
056596



## SMART HUB MODULE



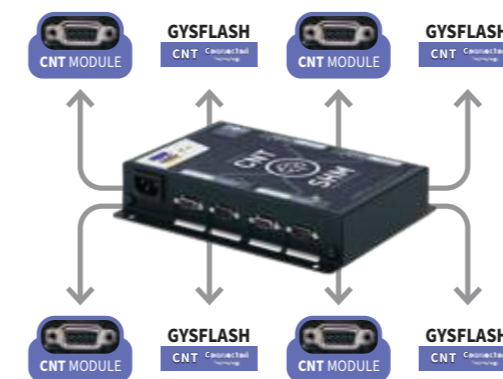
**CNT-SHM**  
Smart Hub Module  
025981

22 x 18 x 4.5 cm / 1 kg  
16.4 x 13.4 x 24 cm / 1.7 kg

Included  
SMC Cable  
1 m  
056596



### UP TO 4 MODULES + 4 GYSFLASH



## POWER HUB MODULE



**CNT-PHM**  
Power Hub Module  
056589

31.7 x 24.5 x 9 cm / 2.7 kg  
32 x 29 x 13.5 cm / 3.2 kg

Included  
M6 KIT



### 4 GYSFLASH IN

Ø Cables: 10 → 25 mm<sup>2</sup>



OUT  
Ø Cables: 25 → 70 mm<sup>2</sup>



# SUPPORTS



BSU Flash XL  
028890

Battery charging rack  
Rack de charge  
Ladeständer  
079595



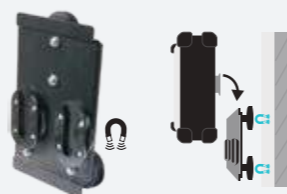
Heavy-duty case  
Valise de chantier  
Hartschalenkoffer  
060432



## WALL SUPPORT

Magnetfix 50  
029637

✓ for vertical Gysflash



GYSFLASH PRO vertical wall  
mounting kit  
082694

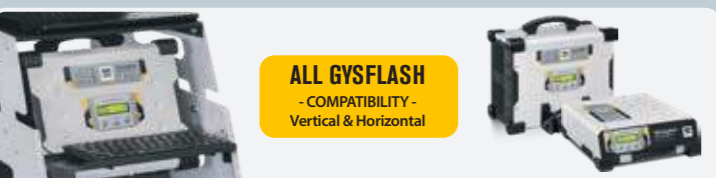
✓ for vertical Gysflash



Wall support  
Tablette  
Wandhalterung  
055513

↳ 21 x 43 x 57 cm / 3.9 kg  
☞ 36 x 43 x 20 cm / 3.3 kg

✓ for horizontal Gysflash



ALL GYSFLASH  
- COMPATIBILITY -  
Vertical & Horizontal

## TROLLEYS

BSU Flash XL  
028890



BSU Flash Plus  
085510



robust  
tyres

OPTION  
Protective cover  
062733



OPTION  
Cable support  
052284



# STANDARD ACCESSORIES

ANDERSON CABLES	for GYSFLASH	
	32.12 PL / 30.12 / 50.12 51.12 / 30.24 / 50.24 / 53.24 25.48 / 51.48 / 53.48	100.12 / 101.12 102.12 / 103.12
<b>Anderson / Clamps</b>		
2.5 m - 10 mm <sup>2</sup> 085800	✓	—
2.5 m - 16 mm <sup>2</sup> 056503		
5 m - 16 mm <sup>2</sup> 054615	✓	✓
8 m - 16 mm <sup>2</sup> 056572		
<b>Anderson / NATO</b>		
5 m - 16 mm <sup>2</sup> 026810	✓	✓
<b>Anderson / Rema 160 A</b>		
5 m - 16 mm <sup>2</sup> 069091	✓	✓
<b>Anderson / Anderson 175 A</b>		
5 m - 16 mm <sup>2</sup> 069107	✓	✓
<b>Anderson / Texas</b>		
0.2 m - 16 mm <sup>2</sup> 055902	✓	✓
1 m - 16 mm <sup>2</sup> 028791		

TEXAS CABLES	for GYSFLASH	
	121.12 / 123.12 / 125.12 108.12 / 148.12 / 158.12 101.24 / 103.24 / 107.24	
<b>Texas / Clamps</b>		
2.5 m - 25 mm <sup>2</sup> 028876		✓
5 m - 25 mm <sup>2</sup> 027886		
<b>Texas / Rema 160 A</b>		
5 m - 25 mm <sup>2</sup> 025714		✓
<b>Texas / Anderson 175 A</b>		
5 m - 25 mm <sup>2</sup> 025721		✓
<b>Texas / NATO</b>		
5 m - 25 mm <sup>2</sup> 025707		✓
10 m - 25 mm <sup>2</sup> 056626		

## PARALLEL CABLES KIT 072954



Anderson/Cable lugs  
M6 x2  
16 mm<sup>2</sup> - 1 m

Cable lugs/Cable  
lugs M6 x2  
(1 red + 1 black)  
35 mm<sup>2</sup> - 5 m

Texas/Cable  
lugs M6 x2  
25 mm<sup>2</sup>  
1 m

**M6 KIT**  
Ø16 (x4)  
Ø25 (x4)  
Ø35 (x4)

SMC Cable  
1 m

## INTERNAL FUSES

40 A  
for GYSFLASH 30  
054646  
x2

125 A  
for GYSFLASH 100, 101, 102  
054585  
x2

150 A  
for GYSFLASH 121, 123, 103  
027930  
x2

## EXTERNAL FUSES

6.3 A  
for GYSFLASH 30  
054578  
x5

10 A  
for GYSFLASH 40, 50 100, 101, 102  
056527

## CONNECTORS

**NATO**  
026780

USB key  
16 Go/GB  
062344

## GYSFLASH CNT PACKS

	101.12 CNT 026988	121.12 CNT 026971	CNT-SPM + paper roll + support 026919 + 056633 + 028906	Barcode Scanner + support 027718 + 025745	BSU Flash XL 028890	CNT SLM 027978	CNT SHM 025981	CNT PHM 056589	Parallel cable kit 072954
<b>SINGLE GYSFLASH</b>									
pack GYSFLASH CNT 1 068117	✓	—	✓	✓	✓QWERTY	✓	—	—	—
pack GYSFLASH CNT 2 068124	✓	—	✓	✓	✓AZERTY	✓	—	—	—
pack GYSFLASH CNT 3 068131	—	✓	✓	✓	✓QWERTY	✓	—	—	—
pack GYSFLASH CNT 4 068148	—	✓	✓	✓	✓AZERTY	✓	—	—	—
<b>DOUBLE GYSFLASH</b>									
pack GYSFLASH CNT 5 072978	✓x2	—	✓	✓	✓AZERTY	✓	✓	✓	✓
pack GYSFLASH CNT 6 074972	✓x2	—	✓	✓	✓QWERTY	✓	✓	✓	✓
<b>WITHOUT GYSFLASH</b>									
pack Parallel Charging 072961	—	—	—	—	—	—	—	✓	✓
pack GYSFLASH PRO 1 079908	—	—	✓	✓	✓AZERTY	✓	✓	✓	—
pack GYSFLASH PRO 2 079915	—	—	✓	✓	✓QWERTY	✓	✓	✓	—



# CHARGERS

## SSM

Save and load settings. Automatic restart in case of power cut.

Mémorisation des réglages. Redémarrage automatique en cas de coupure électrique.

Einstellungsspeicherung. Automatisches Starten nach einem Netzausfall.

## START STOP

Start/stop Engine : Compatible with Start/Stop vehicles.

Compatible véhicules Start/Stop. Geeignet für START-STOP-Fahrzeuge.

## Cold charge

"Cold charge" mode: performance-enhancing charging mode for cold or freezing weather conditions.

Mode "Cold charge": optimisation des performances en cas de temps froid ou de gel.

-Cold Charge--Modus: Leistungsoptimierung bei kaltem Wetter oder bei Frost.

## INCLUDED

all ARTIC

Eyelets / Cèllets / Ösen  
30 cm  
026872

Clamps / Pincers / Klemmen  
35 cm  
026865

## ARTIC

IP 65

WATER PROTECTION  
ARTIC 1500, 4000 & 8000

CHARGERS ONLY



## AUTOMATIC SMART HF INVERTER



ARTIC 800

**12V 0.8A** GO > 7V

SSM

029569

029562



ARTIC 1500

**12V 1.5A** GO > 7V

SSM

029576



ARTIC 4000

**6/12V 4/1-4A** GO > 2V (6V)  
GO > 7V (12V)

SSM START STOP Cold charge

029583

029705



ARTIC 8000

**2/8A** 12V GO > 7V

SSM START STOP Cold charge

029590

029712



## ENERGY

PATENTS REGISTERED NUMBERS  
001652090-0001  
EUROPEAN TRADEMARK & DESIGN

old design



## TCB

PATENTS REGISTERED NUMBERS  
001652090-0001  
EUROPEAN TRADEMARK & DESIGN

old design



NEW DESIGN  
02/2026

NEW DESIGN  
02/2026



2 IN 1

CHARGE



TEST

## 12V • TRADITIONAL W

ENERGY 126

**4A**

SSM

023222

025165



TCB 60

**2/4A** GO > 3.5V

SSM START STOP

023253



TCB 90

**2/5.5A** GO > 3.5V

SSM START STOP

023260



TCB 120

**3.5/7A** GO > 3.5V

SSM START STOP

023284

025240



Fuse X10  
10A 054530  
15A 054493

RECOMMENDATION	5 Ah		10 Ah		15 Ah		20 Ah		40 Ah		80 Ah		90 Ah		110 Ah		120 Ah		180 Ah		240 Ah		300 Ah		+
	6V	12V	24V	6V	12V	24V	6V	12V	24V	6V	12V	24V	6V	12V	24V	6V	12V	24V	6V	12V	24V	6V	12V	24V	
Maintenance																									
ARTIC 800																									
ARTIC 1500																									
ARTIC 4000																									
ARTIC 8000																									
ENERGY 126																									
TCB 60 automatic																									
TCB 90 automatic																									
TCB 120 automatic																									



CT

CA

# CHARGERS



**CT 160**  
**9 A**  
SSM  
1.5 m - 1.5 mm<sup>2</sup> → 40 A  
024106  
025325



**CT 210**  
**12 A**  
SSM  
1.5 m - 2.5 mm<sup>2</sup> → 40 A  
024113  
025349

**12/24 V • MANUAL W**



**CA 150**  
**10 A**  
SSM  
1.5 m - 2.5 mm<sup>2</sup> → 40 A  
024434



**CA 360**  
**25 A**  
SSM  
2 m - 6 mm<sup>2</sup> → 60 A  
023185

**12/24 V • AUTOMATIC W2**

## MULTICHARGE



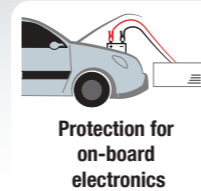
**MULTICHARGE CT 48**  
**32 A**  
SSM  
026087

6 charging speeds

2 m - 6 mm<sup>2</sup> → 60 A

**12/24/36/48 V • MANUAL W**

## WATTMATIC



**WATTMATIC 100**  
**5 A**  
SSM  
024823  
START STOP  
1.5 m - 1.5 mm<sup>2</sup> → 40 A  
GO > 3.5 V

**WATTMATIC 170**  
**10 A**  
SSM  
025615  
START STOP  
1.8 m - 2.5 mm<sup>2</sup> → 40 A  
GO > 3.5 V

**6/12 V • AUTOMATIC WUoU**



Fuse x10

10A WATTMATIC 100 054530

15A CT 160, WATTMATIC 140 054493

20A CT 210, WATTMATIC 150 & 170 054509

25A CA 150, WATTMATIC 180 054516

40A CT 48 054646

50A CA 360 054622

	Voltage	Power	Output	CHARGE				Eff. / RMS	Reg	Fuse	L x W x H cm / kg	Weight
				Average / Moyen (EN 60335)			Reg					
				Reg 1	Reg 2	Reg 3						
CT 160	230V, 50/60 Hz	190 W	12/24V	12V > 7 A 24V > 3 A	9 A (boost) 5 A (boost)	—	13,5 A 7,5 A	2	15 A	30.3 x 20.7 x 13.9 / 3.9	3,9 kg	
CT 210	230V, 50/60 Hz	260 W	12/24V	12V > 8 A 24V > 4 A	12 A (boost) 6 A (boost)	—	18 A 9 A	2	20 A	33.4 x 22.5 x 14.4 / 5.3	5,2 kg	
MULTICHARGE CT 48	230V, 50/60 Hz	1200 W	12/24/36/48V	12V > 20,8 A 24V > 20,1 A 36V > 19,6 A 48V > 15,5 A	32,4 A 31,8 A 30,4 A (boost) 18,7 A (24,3 A boost)	—	31 A 29 A 29 A 28 A	6	40 A	40.5 x 34 x 24 / 15.8	15,5 kg	
CA 150	230V, 50/60 Hz	500 W	12/24V	8 A	10 A (boost)	—	18 A	2	25 A	32.8 x 25.5 x 14.6 / 6.5	6 kg	
CA 360	230V, 50/60 Hz	920 W	12/24V	7 A	15 A (boost1) 25 A (boost2)	—	37 A	3	50 A	43 x 30 x 23 / 14	14 kg	
WATTMATIC 100	230V, 50 Hz	170 W	6/12V	3 A	5 A	—	11.4 A	2	10 A	26.9 x 24.3 x 12.8 / 3.7	3.8 kg	
WATTMATIC 170	230V, 50 Hz	280 W	6/12V	6.5 A	10 A (boost)	—	18.8 A	2	20 A	33.9 x 22.2 x 13.6 / 5	5 kg	

RECOMMENDATION	6V		12V		24V		36V		48V		72V		96V		120V		144V		168V		192V		216V		240V		264V		288V		312V		336V		360V			
	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah																									
CT 160																																						
CT 210																																						
MULTICHARGE CT 48																																						
CA 150																																						
CA 360																																						
WATTMATIC 100																																						
WATTMATIC 170																																						







# DIAG-BATIUM

BSU

# BATTERY SUPPORT UNIT

**PFC** POWER FACTOR CORRECTION

**FV** FLEXIBLE VOLTAGE



**NEW**

DIAG-BATIUM 100.12

**100 A**

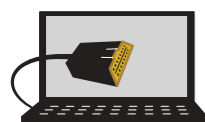
**PFC FV**

2.5 m - 16 mm<sup>2</sup> → 2.2 m  
 087552  
 088443

**12 V**

## BSU: DIAG (POWER SUPPLY)

BSU adjustable voltage: 12.7 > 15.5 V

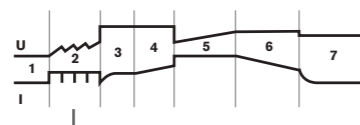


U2 ADJUSTABLE

## CHARGE: Pb

Pb adjustable current: 5 > 100 A

- 1. Status analysis
- 2. Recovery
- 3. Test desulfation
- 4. Desulfation
- 5. Fast charge 80%
- 6. Absorption
- 7. Floating 100%

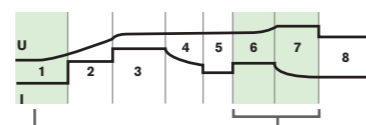


**Auto Recovery :**  
 Recovers deeply discharged (min 2V) and/or sulfated batteries.  
 Récupération des éléments des batteries profondément déchargées (mini 2V) et/ou sulfatées.  
 Wiederherstellung der Zellen bei tiefentladenen bzw. sulfatierten Batterien (min. 2V).

## CHARGE: LiFePO<sub>4</sub>

LiFePO<sub>4</sub> adjustable current: 5 > 100 A

- 1. UVP Wake up-Status analysis
- 2. Recovery
- 3. Fast charge 90%
- 4. Absorption 95%
- 5. Test
- 6. Completion
- 7. Equalization
- 8. Floating 100%



**UVP Wake up (Under Voltage Protection)**  
 Battery reactivation when in UVP protection.  
 Réactivation de la batterie en protection UVP.  
 Reaktivierung der Batterie mit UVP-Schutz.

**Equalizing Balancing System**  
 Balancing of the battery cells.  
 Equilibrage des cellules.  
 Ausgleich der Batteriezellen.

MADE IN FRANCE

DIAG-BATIUM 100.12	50/60 Hz		I <sub>max</sub>	25°C @ 100%		40°C @ 100%		START MINI	IP	mm <sup>2</sup>	kg	L x W x H cm	kg	
	220 > 240 V	1600 W		230V : 90 A	230V : 84 A	110V : 60 A	110V : 52 A							5 : 1200 Ah
	110 > 127 V	1500 W	100 A					2 V	20	2,5 m	16	5,8	32 x 23,5 x 13,6 cm	41,4 x 31,1 x 25 / ND



# MULTICHARGE STATION

# CHARGERS MULTICHARGE STATION

**FULL PROTECTION**

Reverse polarity

Over voltage

No sparks

**NEW**



MULTICHARGE STATION

**4x10 A**

**Pb-Li**

083578

34.5 x 38 x 31.5 cm / 6.3 kg



x 4

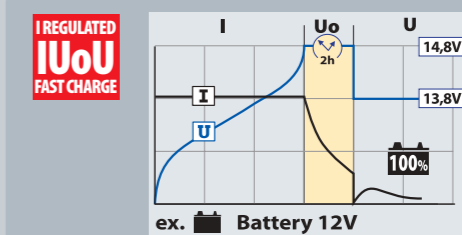
**REGULATED IVoU FAST CHARGE**

**6/12V**



## REPAIR MODE

### RECOVERY OF SULFATED BATTERIES



ex. Battery 12V

RECOMMENDATION	6V	12V	24V	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	
MULTICHARGE STATION																
				8 > 250 Ah				8 > 250 Ah								



## STARTUP

# CHARGERS & STARTERS AUTOMATIC W2

SSM SELF START MEMORY



## START / NEOSTART

# CHARGERS & STARTERS TRADITIONAL W

SSM SELF START MEMORY



# CHARGERS & STARTERS

12 - 24 V

### TRADITIONAL

START 48

NEOSTART 49

### AUTOMATIC

STARTIUM 50

### BATTERY SUPPORT UNIT

DIAG-STARTIUM 51

12 V

STARTUP 80

17 A

SSM

1.5 m - 2.5 mm<sup>2</sup> → 30 A

024922

025127



12V

START 200

18 A

SSM

1.5 m - 6 mm<sup>2</sup> → 60 A

025530



12/24V

START 300

23 A

SSM

2 m - 10 mm<sup>2</sup> → 220 A

025547



NEOSTART 320

9 / 40 A

SSM

2 m - 10 mm<sup>2</sup> → 220 A

025301



12/24V

NEOSTART 420

40 A

SSM

1.8 m - 10 mm<sup>2</sup> → 500 A

025295



NEOSTART 620

60 A

SSM

1.8 m - 16 mm<sup>2</sup> → 500 A

025288

025486



DESIGN GYS FRANCE MADE IN GYS CHINA	I <sub>1</sub> 50 / 60 Hz	I <sub>2</sub>	CHARGE								START		LxWxH cm / kg	LxWxH cm / kg				
			CHARGE kW	START kW	Reg	RMS / Efficace	Average / Moyen (EN 60335)	Boost	Automatic	Manual	min	max			1V/C	0V/C	Fuse	
START UP 80	230V	13 A	12V	0,35	1	2	13, -25 A	9 A	17 A	.	—	40	170 Ah	50 A	80 A	—	17 x 11,5 x 31 / 4	19 x 12 x 32 / 4,2
START 200	230V	13 A	12V	0,39	1,4	3	15-25 A	11 A	18 A	—	.	53	240 Ah	80 A	120 A	50 A	35 x 24 x 15 / 7,6	37 x 27 x 18 / 8
START 300	230V	13 A	12V	0,8	3,6	3	13-36 A	10 A	23 A	—	.	42	300 Ah	100 A	165 A	80 A	36 x 27 x 20 / 12,4	40 x 35 x 23,5 / 13,7
NEOSTART 320	230V	13 A	12/24V	1,2	3,6	3	40 A	8 A	17 A	—	.	38	224 Ah	160 A	270 A	150 A	41 x 30 x 21 / 13	41 x 35 x 24 / 14,7
NEOSTART 420	230V	16 A	12/24V	0,8	6,5	3	40 A	10 A	40 A	—	.	20	700 Ah	250 A	420 A	200 A	48 x 30 x 23 / 18	52 x 34 x 31 / 21
NEOSTART 620	230V	16 A	12/24V	1,7	9	3	70 A	9 A	30 A	—	.	20	1000 Ah	330 A	620 A	200 A	31,5 x 23 x 44,5 / 23,7	21 x 33,5 x 26,5 / 24

i Recommendation	5 Ah 10 Ah 15 Ah 20 Ah 40 Ah 80 Ah 90 Ah 110 Ah 120 Ah 180 Ah 240 Ah																	
	6V	12V	24V															
START UP 80																		35 > 50 Ah
START 200																		35 > 40 Ah
START 300																		35 > 50 Ah
NEOSTART 320																		35 > 60 Ah
NEOSTART 420																		35 > 80 Ah
NEOSTART 620																		45 > 100 Ah

CHARGERS & STARTERS  
**AUTOMATIC**



3 in 1

- AUTOMATIC CHARGE**  
= BATTERY
- AUTOMATIC START**
- TEST ALTERNATOR**

**TIMER**

- UNIVERSAL MODE** **AUTO SELECTION**
- SULFATED BATTERIES**
- START STOP** **ALL BATTERIES**
- GO** >1V

- FULL PROTECTION**
- On-board electronics
  - Over voltage
  - No sparks



35/50 mm<sup>2</sup>



**BSU Battery Support Unit**

**POWER SUPPLY**  
**DIAG+ 60A**  
Voltage adjustable 12 V · 15 V

**BATTERY EXPERT**

12/24V

STARTIUM 330E

25 A

1,9 m - 10 mm<sup>2</sup> → 50 A

026469

STARTIUM 480E

40 A

1,9 m - 16 mm<sup>2</sup> → 60 A

026483  
025578

STARTIUM 680E

45 A

2,2 m - 25 mm<sup>2</sup> → 60 A

026490  
025585

STARTIUM 980E

50 A

2,5 m - 35 mm<sup>2</sup> → 60 A

026506



Disconnectable

DIAG STARTIUM 60-12

60 A

2,2 m - 25 mm<sup>2</sup> → 60 A

026513

DIAG STARTIUM 60-24

60 A

2,2 m - 25 mm<sup>2</sup> → 60 A

026520  
025592  
076969

MADE IN FRANCE	I <sub>1</sub>	CHARGE		START				BSU	FUSE	LxWxH cm / kg	LxWxH cm / kg	CCA (EN) START					
		CHARGE kW	START kW	min > max	RMS / Efficace	Average / Moyen (EN 60335)	Reg						Boost	Automatic	1V/Cell	0V/Cell	AUTO START
STARTIUM 330E	230V	16 A	0,8	6,5	12V : 20 > 370 Ah 24V : 20 > 300 Ah	40 A	25 A	4	—	•	12V : 165 A / 270 A 24V : 130 A / 210 A	•	—	100 A	26 x 26 x 47 / 15,5	28 x 28 x 47 / 16	500 A
STARTIUM 480E	230V	16 A	1,7	9	12V : 20 > 600 Ah 24V : 20 > 450 Ah	65 A	30 A	4	40 A	•	12V : 280 A / 390 A 24V : 210 A / 290 A	•	—	200 A	34 x 30 x 64 / 20,5	64 x 37 x 31 / 29	750 A
STARTIUM 680E	230V	16 A	2	10	12V : 20 > 675 Ah 24V : 20 > 525 Ah	75 A	30 A	4	45 A	•	12V : 380 A / 550 A 24V : 270 A / 380 A	•	—	200 A	34 x 30 x 64 / 25,5	65 x 37 x 31 / 31	900 A
STARTIUM 980E	230V	16 A	2	12	12V : 20 > 750 Ah 24V : 20 > 525 Ah	80 A	40 A	4	50 A	•	12V : 500 A / 720 A 24V : 400 A / 560 A	•	—	250 A	34 x 30 x 80 / 30	65 x 37 x 32 / 36	1400 A
DIAG STARTIUM 60-12	230V	16 A	2	10	12V : 20 > 900 Ah	95 A	60 A	4	—	•	12V : 310 A / 440 A	•	•	200 A	35 x 35 x 72 / 30,5	80 x 37 x 35 / 36	900 A
DIAG STARTIUM 60-24	230V	16 A	2	10	6V : 20 > 900 Ah 12V : 20 > 900 Ah 24V : 20 > 525 Ah	65 A / 95 A / 65 A	40 A / 60 A / 40 A	4	—	•	6V : — 12V : 300 A / 430 A 24V : 280 A / 410 A	•	•	200 A	35 x 35 x 72 / 30,5	80 x 37 x 35 / 36	900 A

RECOMMENDATION	Fuse x2		Ah												
	100 A Startium 330E 054394	200 A Startium 480E, 680E, Diag. 60-12, 60-24 054547	250 A Startium 980E 055568	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah
STARTIUM 330E	•	•	•									40 > 80 Ah	80 > 120 Ah		
STARTIUM 480E	•	•	•									40 > 120 Ah	120 > 160 Ah		
STARTIUM 680E	•	•	•									50 > 180 Ah	180 > 200 Ah		
STARTIUM 980E	•	•	•									50 > 240 Ah			
DIAG STARTIUM 60-12	•	•	•									50 > 180 Ah	180 > 200 Ah		
DIAG STARTIUM 60-24	•	•	•									50 > 180 Ah	180 > 200 Ah		





# BOOSTERS

6 - 12 - 24 V

Pb inside

GYSACK AIR	53
GYSACK	54
STARTPACK	58
ENERGYSTATION	61

LITHIUM inside

NOMAD POWER	64
-------------	----

SUPER CAPACITOR inside

STARTRONIC	68
GYSCAP	70



GYSACK AIR

BOOSTERS

# Pb / LEAD INSIDE



POWER SUPPLY  
12V DC

+ COMPRESSOR



NEW  
12 2025



12 V

17 Ah INSIDE



4 bars

HOBBIES OCCASIONAL PRO INTENSIVE

GYSACK AIR 401

1 100 A

380 A  
1V/Cell

1.2m - 12.5 mm<sup>2</sup>  
088801



GYSACK AIR

1 250 A

480 A  
1V/Cell

1.1 m - 25 mm<sup>2</sup>  
026322



INCLUDED GYSACK AIR 401 / AIR

OPTION

MEMORY AUTO SAVE  
CABLE OBD 1,5 m  
054202



Fuse 7,5A

CHARGER

Power in 100-240 V / out 12 V  
50/60 Hz  
054677  
054660



WU

FV FLEXIBLE VOLTAGE

100V 240V



Après chaque utilisation  
After each use  
Nach jeder Anwendung

DESIGN  
GYS FRANCE  
MADE IN  
GYS CHINA

	Inside	START	1 V/Cell	0 V/Cell	Peak Battery	START PETROL & DIESEL	ON/OFF	Fuse	POWER OUT	EXTERNAL Charge 230V	TEST OK	LxWxH cm / kg	LxWxH cm / kg	
GYSACK AIR 401	12V-17 Ah	12V	380 A	700 A	1100 A	Lead/LFP	•	•	17 bars	(x2) Cigarette Lighter - 12V - 8A USB-A Port 5V/2.1A	12V DC/1A	•	31.4 x 18.8 x 32.1 / 7.4	NC
GYSACK AIR	12V-18 Ah	12V	480 A	900 A	1250 A	Lead/LFP	•	•	4 bars	12V DC/0,5A	12V DC/1.2A	•	33 x 17 x 37 / 8.5	38.5 x 22 x 44 / 9.4

RECOMMENDATION	5 Ah 10 Ah 15 Ah 20 Ah 40 Ah 80 Ah 90 Ah 110 Ah 120 Ah 180 Ah 240 Ah 300 Ah + Ah												
	6V	12V	24V	6V	6V	6V	6V	6V	6V	6V	6V	6V	6V
GYSACK AIR 401	•												
GYSACK AIR	•												



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GYSACK AIR

BOOSTERS • Pb INSIDE





GYSPACK

# BOOSTERS Pb/LEAD INSIDE

**+** POWER SUPPLY  
12V DC



SPIRAL TECHNOLOGY



SPIRAL TECHNOLOGY



**EnerSys**  
TPPL TECHNOLOGY  
Thin Plate Pure Lead  
**PREMIUM QUALITY BATTERIES**



12 V **28 Ah** INSIDE HOBBIES OCCASIONAL PRO INTENSIVE

GYSPACK 660

**1 900 A** **640 A**  
1V/Cell

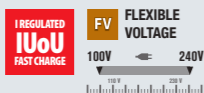
1.3 m - 25 mm<sup>2</sup> → 600 A

027862  
027992  
027879



INCLUDED GYSPACK 660

**CHARGER**  
Power in 100-240 V/out 12 V  
50/60 Hz  
027992



12 V **28 Ah** SPIRAL INSIDE HOBBIES OCCASIONAL PRO INTENSIVE

GYSPACK 750

**2 500 A** **750 A**  
1V/Cell

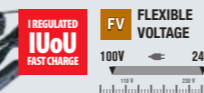
1.3 m - 25 mm<sup>2</sup> → 600 A

026179  
026353



INCLUDED GYSPACK 750

**CHARGER**  
Power in 100-240 V/out 12 V  
50/60 Hz  
054684



12 V **28 Ah** SPIRAL INSIDE HOBBIES OCCASIONAL PRO INTENSIVE

GYSPACK PRO 800

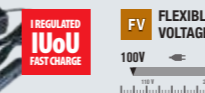
**2 500 A** **700 A**  
1V/Cell

1.8 m - 25 mm<sup>2</sup> → 600 A

068759  
072107

INCLUDED GYSPACK PRO 800

**CHARGER**  
Power in 100-240 V/out 12 V  
50/60 Hz  
054684



12 V **16 Ah** INSIDE HOBBIES OCCASIONAL PRO INTENSIVE

GYSPACK PRO 700

**1 800 A** **640 A**  
1V/Cell

1.4 m - 25 mm<sup>2</sup> → 600 A

027077

1 096 701



**INTEGRATED CHARGER**

**7 STEP**

12 V **30 Ah** INSIDE HOBBIES OCCASIONAL PRO INTENSIVE

GYSPACK PRO 900

**3 100 A** **830 A**  
1V/Cell

1.8 m - 35 mm<sup>2</sup> → 600 A

027084

027954

1 096 701



**INTEGRATED CHARGER**

**7 STEP**



DESIGN GYS FRANCE

MADE IN GYS CHINA

MADE IN FRANCE

Model	Capacity (Ah)	Voltage (V)	START			START PETROL & DIESEL	CHARGER INSIDE	GYS Charge 230V	Protection		Power out		LxWxH cm	LxWxH cm / kg	
			1V/Cell	0 V/Cell	Peak				ON/OFF	Memory	Fuse	Fuse			
GYSPACK 660	28 Ah	12V	640 A	1200 A	1900 A	Pb/Lithium LFP	—	12V/2 A DC	•	•	12V DC	1 × 200 A	35 x 19 x 40	39 x 23 x 45 / 13.5	
GYSPACK 750	28 Ah	12V	750 A	1450 A	2500 A	Pb/Lithium LFP	—	12V/2 A DC	•	•	12V DC	2 × 200 A	35 x 19 x 40	39 x 23 x 45 / 13.5	
GYSPACK PRO 800	28 Ah	12V	700 A	1320 A	2500 A	Pb/Lithium LFP	—	12V/2 A DC	•	•	12V DC	10 A	2 × 200 A	31 x 19 x 35	32 x 23 x 37 / 18.4
GYSPACK PRO 700	16 Ah	12V	640 A	1200 A	1800 A	Pb/Lithium LFP	•	—	•	•	12V DC	10 A	1 × 200 A	33 x 15 x 32	35 x 24 x 36 / 12
GYSPACK PRO 900	30 Ah	12V	830 A	1700 A	3100 A	Pb/Lithium LFP	•	—	•	•	12V DC	10 A	1 × 300 A	33 x 15 x 32	35 x 24 x 36 / 16

Model	RECOMMENDATION															
	6V	12V	24V	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah
GYSPACK 660																
GYSPACK 750																
GYSPACK PRO 800																
GYSPACK PRO 700																
GYSPACK PRO 900																



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GYSPACK

BOOSTERS • Pb/LEAD INSIDE





# STARTPACK

# BOOSTERS Pb/LEAD INSIDE



### SMART STARTER MANAGEMENT SYSTEM

- FULL PROTECTION**
  - On-board electronics
  - Reverse polarity
  - Over voltage
  - No sparks
- AUTO DETECT**
  - Battery voltage detection
  - Microprocessor Control
  - TIMER Adjustable



**12/24 V** **50 Ah SPIRAL** + **50 Ah SPIRAL** **INSIDE** HOBBIES OCCASIONAL **PRO +++ INTENSIVE**

**STARTPACK PRO 12.24 XL**

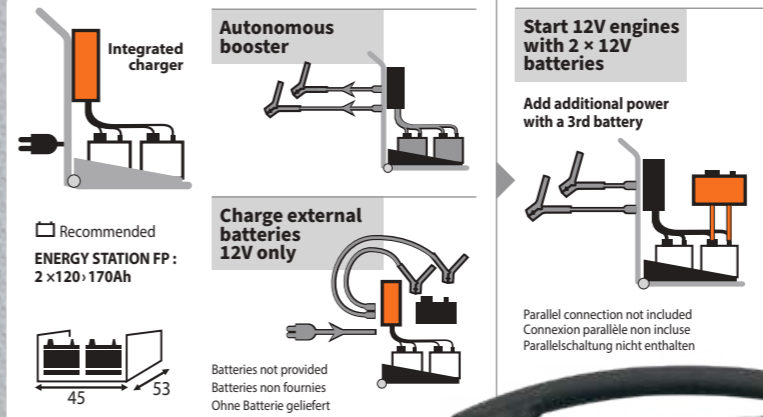
12V	<b>8 500 A</b>	<b>1600 A</b> 1V/Cell	<b>24 V</b> ★★★★	<b>4 250 A</b>	<b>1400 A</b> 1V/Cell
-----	----------------	--------------------------	---------------------	----------------	--------------------------

2 m - 70 mm<sup>2</sup> 1000 A 026711

**OPTION**

- STANDARD CABLES 1000 A - 70 mm<sup>2</sup> 2 m 026797
- STANDARD CABLES 1000 A - 70 mm<sup>2</sup> 4 m 026827
- NATO CABLES 3 m - 50 mm<sup>2</sup> 072589
- NATO CONNECTOR 026780
- NATO ID / NCAGE : F8154 / CG730

# ENERGY STATION



- FULL PROTECTION**
- On-board electronics
  - Over voltage
  - No sparks
  - Reverse polarity

**12/24 V** HOBBIES OCCASIONAL **PRO INTENSIVE +++**

**ENERGY STATION FP** 069589

**INTEGRATED CHARGER** **6 STEP**

MADE IN FRANCE	Inside	START			START PETROL & DIESEL	CHARGE		CHARGER	Protection			LxWxH cm	LxWxH cm / kg		
		1V/Cell	0 V/Cell	Peak Battery		min	max		TEST OK	ON/OFF	Fuse				
<b>STARTPACK PRO 12.24 XL</b>	2x 50 Ah	12 V	1 600 A	3 000 A	8 500 A	Pb/Lithium LFP	—	—	6 A outside	automatic	•	300 A	2 m ø 70 mm <sup>2</sup>	106 x 32 x 35	112 x 35 x 43 / 68
		24 V	1 400 A	2 600 A	4 250 A										
<b>ENERGY STATION FP</b>		dependant on batteries / selon batteries / je nach Batterie (Pb only)			Pb/Lithium LFP	12/24 V	100 - 375 Ah (x2)	30 A inside	manual	•	300 A	2,5 m ø 50 mm <sup>2</sup>	70 x 65 x 91	80 x 53 x 28 / 29	

**RECOMMENDATION**

	12V	24V	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah
<b>STARTPACK PRO 12.24 XL</b>	•	•													
<b>ENERGY STATION FP</b>															



# SELECT THE RIGHT BOOSTER

## CHOISISSEZ VOTRE BOOSTER • WÄHLEN SIE IHREN BOOSTER AUS

6/12V		12 V										12-24 V					
GYSPACK HERITAGE		GYSPACK AIR 401	GYSPACK AIR	GYSPACK 400	GYSPACK 600	GYSPACK PRO	GYSPACK 660	GYSPACK PRO 700	GYSPACK 750	GYSPACK PRO 800	GYSPACK PRO 900	STARTPACK TRUCK/ TRUCK MOBILE	STARTPACK 12.24 CI	STARTPACK PRO 12.24 CI	STARTPACK PRO 12.24 XL	ENERGY STATION FP	
025844		088801	026322	025455	027336	026155	027862	027077	026179	068759	027084	025448/ 026025	024991	028920	026711	069589	
6 V												12 V	12 V	12 V	12 V	12 V	
12 V		12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	24V	24V	24V	24V	24V	
START	1V/Cell	400 (6 V)											750 (12 V)	900 A (12 V)	1300 A (12 V)	1600 A (12 V)	
	0V/Cell	450 (12 V)											650 (24 V)	700 A (24 V)	1200 A (24 V)	1400 A (24 V)	
PEAK BATTERY	800 (6 V)											1450 A (12 V)	1700 A (12 V)	2400 A (12 V)	3000 A (12 V)	/	
	850 (12 V)											1300 A (24 V)	1350 A (24 V)	2250 A (24 V)	2600 A (24 V)		
3200 (6 V)												3200 A (12 V)	3600 A (12 V)	6200 A (12 V)	8500 A (12 V)		
1600 (12 V)												1600 A (24 V)	1800 A (24 V)	3100 A (24 V)	4250 A (24 V)		
2 × 20 Ah		17 Ah	18 Ah	18 Ah	22 Ah	22 Ah	28 Ah	16 Ah	28 Ah	28 Ah	30 Ah	2 × 22 Ah	2 × 16 Ah	2 × 30 Ah	2 × 50 Ah		
EnerSys												EnerSys	EnerSys	EnerSys	EXIDE TECHNOLOGIES		
SPIRAL TECHNOLOGY																	
ON/OFF															automatic		
TEST OK																	
external 2 A		external 1 A	external 0,5 A	external 0,5 A	external 0,5 A	external 0,5 A	external 2 A	internal 2,5 A	external 2 A	external 2 A	internal 2,5 A	external 2 A	internal 4 A	internal 4 A	external 6 A	internal 30A	
IUoU		WU	WU	WU	WU	WU	IUoU	7 step	IUoU	IUoU	7 step	IUoU	7 step	7 step	7 step	6 step	
12 V DC		12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC					
1,8 m ø25 mm <sup>2</sup>		1,2 m ø12,5 mm <sup>2</sup>	1,1 m ø25 mm <sup>2</sup>	0,6 m ø16 mm <sup>2</sup>	0,6 m ø16 mm <sup>2</sup>	1,1 m ø25 mm <sup>2</sup>	1,3 m ø25 mm <sup>2</sup>	1,4 m ø25 mm <sup>2</sup>	1,3 m ø25 mm <sup>2</sup>	1,8 m ø25 mm <sup>2</sup>	1,8 m ø35 mm <sup>2</sup>	1,8 m ø25 mm <sup>2</sup>	1,8 m ø35 mm <sup>2</sup>	2 m ø50 mm <sup>2</sup>	2 m ø70 mm <sup>2</sup>	2,5 m ø50 mm <sup>2</sup>	
37×20×46												37×20×46/ 37×20×57	34×18×46	63×39×30	112×35×43	70×65×91	
18 kg		7,4 kg	8,5 kg	6,5 kg	6,5 kg	9 kg	13,5 kg	12 kg	13,5 kg	18,4 kg	16 kg	18/21 kg	22 kg	34 kg	68 kg	29 kg +	



After each use / Après chaque utilisation / Nach jeder Anwendung  
 CAUTION ON STAND BY / Keep your GYSPACK connected to the mains supply.

ATTENTION HORS UTILISATION / Laisser en charge en permanence.  
 ACHTUNG WENN NICHT IN GEBRAUCH / Ladegerät dauernd angeschlossen lassen.  
 ATTENTION CUANDO ESTA APAGADO / Dejar el cargador conectado permanentemente.  
 ATTENZIONE FUORI USO / Lasciare sempre in carica.



### NATO / OTAN : COMPATIBLE PRODUCTS

- Produits compatibles - Kompatible Produkte



NATO ID / NCAGE : F8154 CG730

Product	GYFLASH 30.12, 50.12 FV, 51.12, 100.12, 101.12 CNT	GYFLASH 101.24 CNT FV, 121.12 CNT FV, 125.12 CNT FV, 157.12 CNT FV	GYFLASH 123.12 CNT FV, 103.24 CNT FV, 107.24 CNT FV	GYFLASH 108.12 CNT FV, 148.12 CNT FV, 158.12 CNT FV	GYFLASH 53.48 CNT FV	GYFLASH 15.24 XTREM	STARTIUM 980E	STARTPACK PRO 12.24 XL
NATO CONNECTOR 026780								
Anderson/NATO 5 m - 16 mm <sup>2</sup> 026810	✓	—	—	—	✓	—	—	—
Texas/NATO 5 m - 25 mm <sup>2</sup> 025707	—	✓	✓	✓	—	—	—	—
Texas/NATO 10 m - 25 mm <sup>2</sup> 056626	—	—	—	—	—	—	—	—
Texas/NATO 3.5 m - 50 mm <sup>2</sup> 025653	—	—	—	—	—	—	✓	—
Anderson/NATO 2 m - 50 mm <sup>2</sup> 026803	—	—	—	—	—	—	—	✓
Anderson/NATO 3 m - 50 mm <sup>2</sup> 072589	—	—	—	—	—	—	—	—
2pts/NATO 5 m - 4 mm <sup>2</sup> 025837	—	—	—	—	—	✓	—	—
2pts/NATO Spiral 5 m 028968	—	—	—	—	—	✓	—	—



### TRACTION BATTERIES : COMPATIBLE PRODUCTS

- Produits compatibles - Kompatible Produkte

**BATIUM 25/24 X**

**GYFLASH 30.24, 50.24 & 101.24**

**GYFLASH 103.24 & 53.48**

**Pb 9 STEP**

- Status analysis
- Recovery
- Sulphation test
- Desulphation
- Fast charge 80%
- Absorption
- Test Absorption
- Refresh
- Floating 100%

**LiFePO<sub>4</sub> 9 STEP**

- Status analysis
- UVP Wake Up
- Recovery
- Fast charge 90%
- Absorption 95%
- Test
- Completion
- Equalisation
- Floating 100%

	TYPE	6 h	7 h	8 h	9 h	10 h	11 h	12 h	13 h	14 h	CURRENT
24 V	BATIUM 25.24 X	liquid 75 Ah	90 Ah	120 Ah	125 Ah	130 Ah	140 Ah	155 Ah	165 Ah	180 Ah	25 A
	GYFLASH 30.24 HF	liquid —	—	—	75 Ah	85 Ah	105 Ah	125 Ah	145 Ah	175 Ah	15 A
	GYFLASH 50.24 HF	liquid —	—	—	250 Ah	290 Ah	350 Ah	410 Ah	480 Ah	550 Ah	50 A
		gel —	—	—	—	260 Ah	290 Ah	340 Ah	400 Ah	400 Ah	
	GYFLASH 51.12	liquid 130 Ah	150 Ah	180 Ah	210 Ah	240 Ah	270 Ah	310 Ah	350 Ah	390 Ah	25 A
		gel —	—	130 Ah	150 Ah	160 Ah	180 Ah	200 Ah	220 Ah	240 Ah	
36 / 48 V	GYFLASH 101.24	liquid 390 Ah	470 Ah	550 Ah	630 Ah	720 Ah	820 Ah	930 Ah	1050 Ah	1200 Ah	100 A
		gel —	—	400 Ah	450 Ah	500 Ah	560 Ah	610 Ah	670 Ah	720 Ah	
	GYFLASH 103.24	liquid 490 Ah	580 Ah	680 Ah	790 Ah	900 Ah	1020 Ah	1160 Ah	1310 Ah	1500 Ah	100 A
	GYFLASH 107.24	gel —	—	500 Ah	560 Ah	630 Ah	700 Ah	760 Ah	830 Ah	900 Ah	
	GYFLASH 25.48	liquid 130 Ah	150 Ah	180 Ah	210 Ah	240 Ah	270 Ah	310 Ah	350 Ah	390 Ah	25 A
		gel —	—	130 Ah	150 Ah	160 Ah	180 Ah	200 Ah	220 Ah	240 Ah	
36 / 48 V	GYFLASH 51.48	liquid 260 Ah	310 Ah	360 Ah	420 Ah	480 Ah	540 Ah	610 Ah	690 Ah	790 Ah	50 A
	GYFLASH 53.48	gel —	—	260 Ah	300 Ah	330 Ah	370 Ah	400 Ah	440 Ah	470 Ah	

100 A		<b>Cables Anderson 175A/Texas</b> 5 m - 25 mm <sup>2</sup> 025721
100 A		<b>Cables REMA 160A/Texas</b> 5 m - 25 mm <sup>2</sup> 025714
15 A		<b>Cables REMA 160A/Anderson</b> 5 m - 16 mm <sup>2</sup> 069091
50 A		<b>Cables Anderson 175A/Anderson</b> 5 m - 16 mm <sup>2</sup> 069107



# BOOSTERS LITHIUM INSIDE

SPECIALIST HOBBY • Non professional use •  
Utilisation non professionnelle • Nicht für gewerblichen  
Gebrauch.

START ENGINE

POWER BANK



LIGHT

### INCLUDED

SUPER-SAFE SMART STARTING CABLE  
✓ Nomad Power 401  
✓ Nomad Power 501



✓ Nomad Power PRO 701  
✓ Nomad Power PRO 801  
✓ Nomad Power PRO 901 FC



## 12V

NOMAD POWER 401

**900 A**      **350 A**  
**1V/Cell**



087316

NOMAD POWER 501

**1200 A**      **500 A**  
**1V/Cell**



087323

NOMAD POWER PRO 701

**1250 A**      **700 A**  
**1V/Cell**



085855

NOMAD POWER PRO 801

**1500 A**      **850 A**  
**1V/Cell**



085831

NOMAD POWER PRO 901 FC

**1700 A**      **900 A**  
**1V/Cell**



085879

	LITHIUM			START				INPUT	OUTPUT		
	CAPACITY/CELL	TYPE	FULL CHARGE	1V/Cell	0V/Cell	Peak Battery					
<b>NP 401</b>	2.5 Ah - 37 Wh	LiCoO2	3 h	350 A	700 A	900 A	12 V (Pb only)	USB-C : 5V/2A	(x1) USB 3.0 QC : 5/9/12V - 2A (x1) USB-A : 5V - 2.1A	14.5 x 8.5 x 3	0.37
<b>NP 501</b>	3 Ah - 45 Wh	LiCoO2	3 h 30	500 A	1000 A	1200 A	12 V (Pb only)	USB-C : 5V/2A	(x1) USB 3.0 QC : 5/9/12V - 2A (x1) USB-A : 5V - 2.1A (x1) JACK DC ø5.5 : 15V - 5A	17.5 x 8.5 x 3	0.46
<b>NP PRO 701</b>	4 Ah - 59.2 Wh	LiCoO2	3 h	700 A	1100 A	1250 A	12 V (Pb only)	USB-C : 5V/3A	(x1) USB 3.0 QC : 5V/2.4A 9V/2A 12V - 1.5A (x1) USB-A : 5V - 2.1A (x1) USB-C : 5V - 3A (x1) JACK DC ø5.5 : 15V - 10A	22.8 x 10 x 3.8	0.62
<b>NP PRO 801</b>	5 Ah - 74 Wh	LiCoO2	4 h	850 A	1300 A	1500 A	12 V (Pb only)	USB-C : 5V/3A	(x1) USB 3.0 QC : 5V/2.4A 9V/2A 12V - 1.5A (x1) USB-A : 5V - 2.1A (x1) USB-C : 5V - 3A (x1) JACK DC ø5.5 : 15V - 10A	22.8 x 10 x 3.8	0.73
<b>NP PRO 901 FC</b>	6 Ah - 92.5 Wh	LiCoO2	5h (with 15W charger) 1h15 (with 67W charger)	900 A	1400 A	1700 A	12 V (Pb only)	PD USB-C : 60W max	(x1) USB 3.0 QC : 5V/2.4A 9V/2A 12V - 1.5A (x1) USB-A : 5V - 2.1A (x1) USB-C Power Delivery : 60W (x1) JACK DC ø5.5 : 15V - 10A	22.8 x 10 x 3.8	0.79

i Recommendation												
	NP 401	NP 501	NP PRO 701	NP PRO 801	NP PRO 901 FC							
	5 > 70 Ah											
	5 > 90 Ah											
	5 > 140 Ah											
	5 > 150 Ah											
	5 > 150 Ah											

**OPTION**

- 67 W Fast USB-C Charger**  
✓ Nomad Power PRO 901 FC  
087132
- 15 W USB-C Charger**  
✓ Nomad Power 401 / 501  
✓ Nomad Power PRO 701 / PRO 801 / PRO 901 FC  
087101
- 15 W USB-C Charger**  
✓ Nomad Power 401 / 501  
✓ Nomad Power PRO 701 / PRO 801 / PRO 901 FC  
087354



# BOOSTERS LITHIUM INSIDE

SPECIALIST HOBBY • Non professional use •  
Utilisation non professionnelle • Nicht für gewerblichen  
Gebrauch.

+ LIGHT

▶ START ENGINE

+ POWER BANK



### OPTION

- 67 W Fast USB-C Charger**  
✓ Nomad Power PRO 901 FC  
087132
- 15 W USB-C Charger**  
✓ Nomad Power 401 / 501  
✓ Nomad Power PRO 701  
/ PRO 801 / PRO 901 FC  
087101
- 15 W USB-C Charger**  
✓ Nomad Power 401 / 501  
✓ Nomad Power PRO 701  
/ PRO 801 / PRO 901 FC  
087354

218 Wh **NEW**  
11 2025



**NOMAD POWER  
12/24 V**  
088931

★★★★★  
**Ultra High Capacity**

499+ Wh

**NEW**



**NOMAD  
POWER  
PRO 12/24 V**  
088566

Maximum  
autonomy

×2  
Increased  
vehicule starts



3 Lights  
modes  
Normal  
Flashing  
S.O.S

**NEW**  
12 2025



3 Lights  
modes  
Normal  
Flashing  
S.O.S

**NEW**  
12 2025



3 Lights  
modes  
Normal  
Flashing  
S.O.S

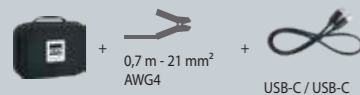


## 12 V

**NOMAD POWER PRO XL**

**2000 A**

**1000 A**  
1V/Cell



088818

**NOMAD POWER PRO XXL**

**3200 A**

**1500 A**  
1V/Cell



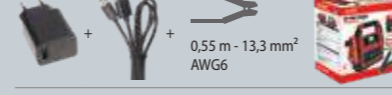
088924

## 12 / 24 V

**NOMAD POWER PRO TRUCK**

**2000 A**

**600 A**  
1V/Cell



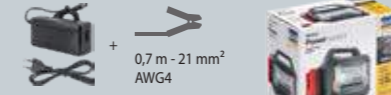
027527

028845

**NOMAD POWER 12/24 V**

**4000 A**

**2300 A**  
1V/Cell

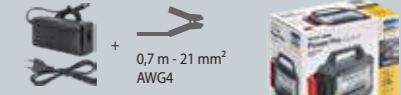


088931

**NOMAD POWER PRO 12/24 V**

**5000 A**

**2300 A**  
1V/Cell



088566

MADE IN CHINA	LITHIUM			START			START PETROL & DIESEL	INPUT	OUTPUT	POWER BANK	cm	kg
	CAPACITY/CELL	TYPE	FULL CHARGE	1V/Cell	0V/Cell	Peak Battery						
<b>NP PRO XL</b>	8 Ah - 118.4 Wh	LiPo	2 h with 67 W Fast USB-C charger 6.5 h with 15 W USB-C charger	1000 A	1500 A	2000 A	12 V (Pb/Lead only)	—	(x1) USB-C (60 W max) (x1) USB-A: 5V - 2.1 A	(x1) USB 3.0 Quick charge : 5/9/12 V (x1) DC: 12/16 V - 10 A	31.1 × 15.2 × 6.5	2.2
<b>NP PRO XXL</b>	10.4 Ah - 153.9 Wh	LiCoO2	3 h	1500 A	2500 A	3200 A	12 V (Pb/Lead only)	(x1) USB-C: 5/9 V - 2 A / 9 V - 2 A JACK DC 16.8 V/4 A	(x1) USB-A: 5V - 2.4 A (x1) USB-A: 5V - 1 A	—	25.2 × 15 × 18.8	3.1
<b>NP PRO TRUCK</b>	6 Ah - 155.4 Wh	LiCoO2	7 h	600 A	1500 A	2000 A	12V/24V (Pb/Lead only)	QC USB-C: 18 W max	(x1) USB-A: 5V - 1 A (x1) USB-A: 5V - 2.1 A	(x1) Cigarette Lighter : 12V - 10 A	24.8 × 24.8 × 9.6	2.4
<b>NP 12/24V</b>	8.4 Ah - 218 Wh	LiCoO2	4 h	1900 A	3000 A	4000 A	12V/24V (Pb/Lead only)	(x1) USB-C: 5V - 2 A / 9 V - 2 A JACK DC 29 V/5 A	(x2) USB-A: 5V - 2.4 A	—	29.5 × 24.5 × 17.5	4.4
<b>NP PRO 12/24V</b>	19.5 Ah - 499.59 Wh	LiCoO2	7 h	2300 A	3500 A	5000 A	12V/24V (Pb/Lead only)	JACK DC 05.5: 29 V - 5 A USB-C: 5V/2A 9V/2A	(x2) USB-A: 5V - 2.4 A	—	24.6 × 24.5 × 15	5.4

Recommendation	Motorcycle	Car	Van	Truck	Bus	Tractor	Excavator	Trailer
<b>NP PRO XL</b>								
	5 > 180 Ah							
<b>NP PRO XXL</b>								
	5 > 180 Ah							
<b>NP PRO TRUCK</b>								
	5 > 140 Ah							
	Max capability ( minimum charge needed )							
<b>NP 12/24V</b>								
	5 > 180 Ah							
	> 240 Ah							
<b>NP PRO 12/24V</b>								
	5 > 180 Ah							
	> 240 Ah							



# BOOSTERS SUPER CAPACITOR

INSIDE

## SUPER CAPACITOR TECHNOLOGY FOR STARTRONIC & GYSCAP



- ✓ NO BATTERY INSIDE
- ✓ NO MAINTENANCE
- ✓ FAST TO USE
- ✓ BOOSTER SANS BATTERIE INTERNE
- ✓ AUCUNE MAINTENANCE
- ✓ RAPIDE D'UTILISATION
- ✓ KEINE INTERNE BATTERIE
- ✓ KEINE WARTUNG
- ✓ SCHNELL EINSETZBAR



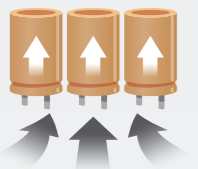
FULL PROTECTION



-40/+65°C



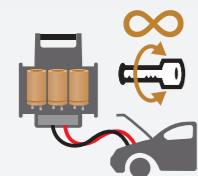
1 MILLION CYCLES



FAST CHARGE



NO SULFATION DURING STORAGE

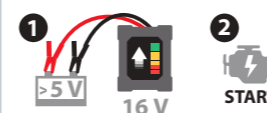


UNLIMITED STARTS

### CHARGING MODES

	Vehicle battery	Cigarette lighter	Internal lithium battery
STARTRONIC 800	✓	✓	-
STARTRONIC HYBRID 900	✓	✓	✓
STARTRONIC SUPERCAP 12/24 V	✓	-	-

DC/DC CONVERTER INSIDE (>5V)



- 800 : 4 minutes
- HYBRID 950 : 4 minutes
- SUPERCAP 12 / 24 V : 5 minutes



INCLUDED STARTRONIC 800 & HYBRID 950  
CIGARETTE LIGHTER for Easy charge  
027404  
12V

5x 800 F INSIDE

STARTRONIC 800

800 A

12V

DC/DC converter

026735



- ✓ SMART
- ✓ SAFE
- ✓ POWERFUL



INCLUDED Internal lithium battery 027411

- + Output USB
- + Light



100% → Recharge the supercapacitors 5 times

5x 950 F + Lithium INSIDE

STARTRONIC HYBRID 950

950 A

12V

DC/DC converter

026117



PRO ★★

12V / 24V

10x 900 F INSIDE

STARTRONIC SUPERCAP 12 / 24V

1050 A

12V

DC/DC converter

880 A

24V

082816



MADE IN CHINA	START	START PETROL & DIESEL	Number of Capacitors	Integrated Inverter	INPUT CHARGE				Charging time				MICRO USB Type B	LIGHT	cm	kg	
					12V		12V/10A		5V/2A	internal lithium battery	LIGHT	cm					kg
					OFF	ON	OFF	ON									
STARTRONIC 800	800 A	1400 A	-	Pb only	12V	5x 800 F	•	4 min	60 s	4 min	4 min	5V/2A	40 min	-	-	26,7 × 19,5 × 5	1,86
STARTRONIC HYBRID 950	950 A	1660 A	-	Pb only	12V	5x 950 F	•	4 min	60 s	4 min	4 min	5V/2A	40 min	30 min	•	25 × 18,5 × 6	1,86
STARTRONIC SUPERCAP 12/24V	1050 A 880 A	1800 A 1500 A	-	Pb only	12V 24V	10x 900 F	•	5 min 2 min	3 min 2 min	-	-	-	-	-	-	34 × 43 × 20	7



Recommendation

STARTRONIC 800

5 × 90 Ah

STARTRONIC HYBRID 950

5 × 100 Ah

STARTRONIC SUPERCAP 12/24V

5 × 150 Ah





# GYSCAP



SMART STARTER MANAGEMENT SYSTEM

### SUPER CAPACITOR TECHNOLOGY

- FULL PROTECTION
- 40/+65°C
- NO BATTERY INSIDE
- BOOSTER SANS BATTERIE INTERNE
- KEINE INTERNE BATTERIE
- NO MAINTENANCE
- AUCUNE MAINTENANCE
- KEINE WARTUNG
- FAST TO USE
- RAPIDE D'UTILISATION
- SCHNELL EINSETZBAR

- 1 MILLION CYCLES
- FAST CHARGE
- NO SULFATION DURING STORAGE
- UNLIMITED STARTS

**NEW**  
03/2026



12V

5x  
3000  
F  
INSIDE

GYSCAP 12V DC/DC

1 600 A

DC/DC converter

087651

1.7 m - 25 mm<sup>2</sup> Cables 100% Cu



24V

10x  
3000  
F  
INSIDE

GYSCAP 24V DC/DC

2 500 A

DC/DC converter

088504

2 m - 35 mm<sup>2</sup> Cables 100% Cu



GYSCAP 24V

2 500 A

028944

2 m - 50 mm<sup>2</sup> Cables 100% Cu



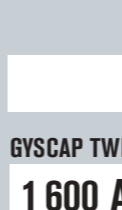
# GYSCAP TWIN START

★★★★★

## The Complete & Safe solution

for combustion & EV engine

**NEW**  
03/2026



089990

Cables 100% Cu 1.7 m - 25 mm<sup>2</sup>



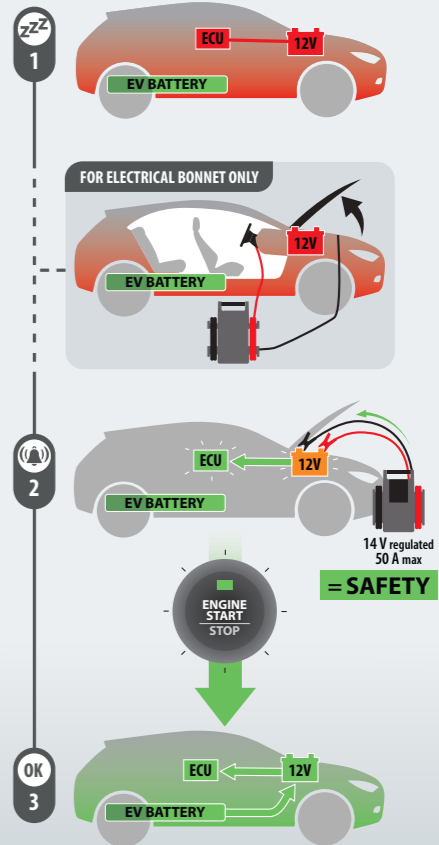
BREVET GYS  
GYS PATENT



2 IN 1

+ 12V Booster

+ Special EV Rescue



12V

5x  
3000  
F  
INSIDE

GYSCAP TWIN-START EV 12V DC/DC

1 600 A

DC/DC converter TWIN

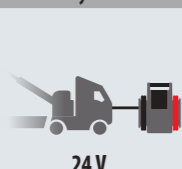
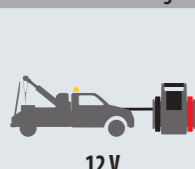
089990

Cables 100% Cu 1.7 m - 25 mm<sup>2</sup>



### CHARGING MODES

On charged vehicle battery

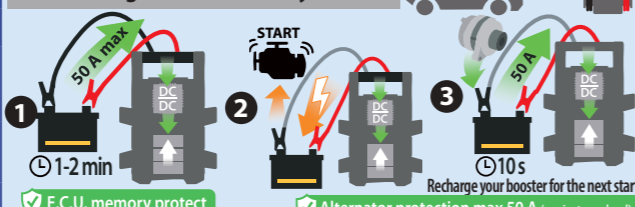


12V

24V

### DC/DC CONVERTER

On discharged vehicle battery



OPTION  
GYSFLASH  
for mains  
charge

4.12 + F5 p.6  
029422 029439

12.12 + S7 p.7  
029392 077331

GYSCAP 12V & TWIN START EV 12V DC/DC

max 2 min 30  
max 9 min

max 4 min

GYSCAP 24V DC/DC

max 20 min

max 2 min 30  
max 10 min

GYSCAP 24V

max 1 h

max 1 min 30  
max 30 min

max 15 min max 8 min

max 30 min max 16 min

max 1 h max 1 h

MADE IN FRANCE

GYSCAP 12V DC/DC  
GYSCAP TWIN-START EV 12V DC/DC

GYSCAP 24V DC/DC  
GYSCAP 24V

Recommendation

GYSCAP 12V DC/DC  
GYSCAP TWIN-START EV 12V DC/DC  
GYSCAP 24V DC/DC  
GYSCAP 24V

START	START			EV/HEV	Number of Capacitors	DC/DC	INPUT CHARGE		cm	kg
	1V/Cell	0V/Cell	Peak				INPUT CHARGE	INPUT CHARGE		
GYSCAP 12V DC/DC	1 600 A	2 700 A	10 000 A	Pb/Lithium LFP	12V	5 x 3000 F	8-16V / 50A max	4,5V-30V / 8A max	35 x 44 x 19	7,2
GYSCAP 24V DC/DC	2 500 A	4 500 A	10 000 A	Pb/Lithium LFP	24V	10 x 3000 F	16-32V / 50 A max	4.5V-30V / 8 A max	35 x 38 x 20	13
GYSCAP 24V	-	-	-	-	-	-	24V	10-30V (150W max)	32 x 49 x 21.5	14



225 Ah  
225 Ah



**TBP**

# TRADITIONAL TESTERS

YouTube  
PLAYLIST  
BATTERY TESTERS



**TBP 100**  
6/12 V 20 > 100 Ah  
PB BATTERY  
055131

**TBP 500**  
12 V 10 > 160 Ah  
PB BATTERY  
055148

**BT**

# DIGITAL TESTERS



**BT 001**  
12 V 7 > 230 Ah  
PB BATTERY  
056640

**DBT**

# COLOR SCREEN TESTERS



**DBT 410**  
6/12 V 7 > 240 Ah  
ALTERNATOR 6/12 V PB BATTERY  
083233

Complete analysis  
SOH 100%  
GOOD BATTERY  
R: 2.09 CCA: 1435A  
STD: 1150A VOL: 12.69V

Historical data  
Graphical data analysis  
Waveform function for DBT 500, DBT 710  
Waveform  
Limit V: 18.0  
CLR: 3.0 MAX: 32.6 MIN: 12.6

Download app & Print  
for DBT 500, DBT 710  
www.gys.fr

# ACCESSORIES

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**BTW**

# CONNECTED TESTERS



**BTW 6V/12V**  
6/12 V 7 > 240 Ah  
ALTERNATOR 12 V PB BATTERY  
077355



**NBT 200**  
12 V 20 > 150 Ah  
ALTERNATOR 12 V PB BATTERY  
024168



**DBT 500**  
6/12 V 7 > 240 Ah  
ALTERNATOR 6/12 V PB BATTERY  
079823



**DBT 710**  
6/12 V 7 > 240 Ah  
ALTERNATOR 6/12/24 V PB BATTERY  
083585

MADE IN CHINA	BATTERY		TEST		DIGITAL	RESULT	TEMPERATURE COMPENSATION	kg	cm	L x W x H cm / kg
	A	V	CHARGE & START SYSTEM VEHICLE							
<b>TBP 100</b>	6-12V	20 > 100 Ah	•	•	12V	—	5/10s	15 min	—	1.5 16x1.8x30 30.7x17.2x10.3 / 1.5
<b>TBP 500</b>	12V	10 > 160 Ah	•	•	12V	—	15s	15 min	—	3.75 27x26x13 31x28.6x18.2 / 3.8
<b>BTW 6V/12V</b>	6-12V	7 > 240 Ah	—	min 4.5V	12V	—	1s	instant	•	0.11 11x3x2 7.5x4.5x16.4 / 0.16
<b>BT 001</b>	12V	7 > 230 Ah	—	•	12V	LED	1s	instant	—	0.29 3x12x1.5 24.2x11.8x2.4 / 0.29
<b>NBT 200</b>	12V	20 > 150 Ah	•	min 7V	12V	•	1s	instant	—	0.25 7x1.5x12 5x18x25.8 / 0.3
<b>DBT 410</b>	6-12V	7 > 240 Ah	•	min 5V	6/12V	color screen 2.4"	1s	instant	•	0.24 8x1.8x13.4 4.2x8.5x15
<b>DBT 500</b>	6-12V	7 > 240 Ah	•	min 5V	6/12V	color screen 2.4"	1s	instant	•	0.3 8x2x14 5x18.5x18.5 / 0.44
<b>DBT 710</b>	6-12V	7 > 240 Ah	•	min 3V	12/24V	color screen 3.2"	1s	instant	•	0.9 10x3.5x20.5 10x18.4x25.3

Recommendation	BATTERY		TEST		LIQUID	START / STOP ENGINE	EFB	AGM VRLA/GEL	VEHICLE					CURRENT CCA SAE	
	Battery/Batteries /Ladegeräte	Alternator Circuit/ Circuit alterateur/ Lichtmaschinenkreis							Motorcycle	Car	Van	Truck	Tractor		
<b>TBP 100</b>	6V 12V	•	12V	•	—	—	—	—	—	—	—	—	—	20 > 100 Ah	—
<b>TBP 500</b>	12V	•	12V	•	—	—	—	—	—	—	—	—	—	10 > 160 Ah	0 > 1000 A
<b>BTW 6V/12V</b>	6V 12V	•	12V	•	•	•	•	•	•	•	•	•	•	7 > 240 Ah	10 > 2000 A
<b>BT 001</b>	12V	•	12V	•	•	•	•	•	•	•	•	•	•	7 > 230 Ah	7 > 230 Ah
<b>NBT 200</b>	12V	•	12V	•	—	—	•	•	•	•	•	•	•	20 > 150 Ah	200 > 1200 A
<b>DBT 410</b>	6V 12V	•	6-12V	•	•	•	•	•	•	•	•	•	•	7 > 240 Ah	10 > 2000 A
<b>DBT 500</b>	6V 12V	•	6-12V	•	•	•	•	•	•	•	•	•	•	7 > 240 Ah	100 > 2000 A
<b>DBT 710</b>	6V 12V	•	6-12-24V	•	•	•	•	•	•	•	•	•	•	7 > 240 Ah	—



# TESTERS WITH PRINTERS

Languages - Sprachen

	GB	FR	DE	IT	ES	PT	CZ	NL	PL	RU	TR	CN	JP	KR	IR	HR
BTW 6V/12V																
DBT 410																
DBT 500																
DBT 710																
PBT 550																
PBT 710																
PBT 720																
PBT 812																
PBT 824																
PBT 924																

**NEW**

**x6**  
Languages  
Sprachen

**x13**  
Languages  
Sprachen

**x12**  
Languages  
Sprachen

**x10**  
Languages  
Sprachen

**x10**  
Languages  
Sprachen

**x8**  
Languages  
Sprachen

**NEW**

	056220	x2	37 mm	7.5 mm	25 mm	BT 301 / BT 501 / BT 551
	056237	x1	57 mm	28 mm	50 mm	RT 777 / PBT 700 / PBT 812 / PBT 824 / PBT 924
	056633	x2	57 mm	7.5 mm	25 mm	PBT 550 / PBT 700 / PBT 710 / PBT 720 / PBT 812 / PBT 824 / PBT 924 / SPM

### XL Full Color screen

- Complete analysis
- Historical data
- Graphical data analysis  
Waveform function
- Download app & Print

### Color screen

- Complete analysis
- Historical data
- Graphical data analysis  
Waveform function
- Battery-management software

### LCD screen

- Complete analysis
- Battery-management software

### Color screen

- Complete analysis
- Historical data
- Battery-management software



## PRINTER • 12 V

**PBT 550**

**12 V** 30 > 220 Ah

ALTERNATOR 12 V PB BATTERY

024199



**PBT 710**

**12 V** 5 > 220 Ah

ALTERNATOR 12 V PB BATTERY

088849



## PRINTER • 6/12 V

**PBT 720**

**6/12 V** 7 > 240 Ah

ALTERNATOR 6/12/24 V PB BATTERY

083240

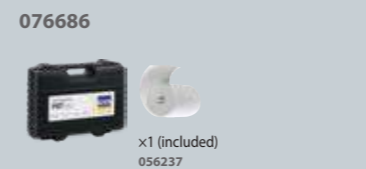


**PBT 812**

**6/12 V** 7 > 240 Ah

ALTERNATOR 12/24 V PB BATTERY

076686



## PRINTER • 6/12/24 V (2x12)

**PBT 824**

**6/12/24(2x12) V** 7 > 240 Ah

ALTERNATOR 12/24 V PB BATTERY

025738



**PBT 924**

**6/12/12 V parallel / 24(2x12) V** 7 > 240 Ah

ALTERNATOR 12/24 V PB BATTERY

088306



	BATTERY		TEST		PRINT PAPER	DIGITAL	RESULT	TEMPERATURE COMPENSATION	kg	cm	L x W x H cm / kg
	A	V	CHARGE & START SYSTEM VEHICLE	TEST							
<b>PBT 550</b>	12V	30 > 220 Ah	min 6V	12V	back-lit/rétro-éclairé	1s	instant	-	0.55	55 x 25	29 x 23 x 9 / 0.9
<b>PBT 710</b>	12V	5 > 220 Ah	min 6V	12V	colour screen	1s	instant	-	0.62	9 x 4 x 20	25 x 18 x 6.7 / N/A
<b>PBT 720</b>	6-12V	7 > 240 Ah	min 3V	6/12/24V	colour screen 3.2"	1s	instant	2 x 3.7V - 2 A lithium-ion polymer batteries	0.9	26 x 10.5 x 5	27.2 x 36.4 x 9.3 / 2
<b>PBT 812</b>	6-12V	7 > 240 Ah	min 1.5V	12/24V	colour TFT display 2.8"	1s	instant	6 x 1.5V LR6-AA or 18650 lithium battery (not included)	0.7	28 x 14 x 7.5	34 x 47 x 11.5 / 3.1
<b>PBT 824</b>	6-12-24V (2x12V)	7 > 240 Ah	min 1.5V	12/24V	back-lit 4 colours / rétro-éclairé	1s	instant	6 x 1.5V LR6-AA	0.7	25 x 4.5 x 13	40 x 28 x 9 / 2.3
<b>PBT 924</b>	12V parallel 24V (2x12V)	7 > 240 Ah	min 1.5V	12/24V	colour TFT display 2.8"	1s	instant	6 x 1.5V LR6-AA or 18650 lithium battery (not included)	0.7	28 x 14 x 7.5	34 x 47 x 11.5 / 3.1

Recommendation	TEST		PRINT PAPER	LIQUID	START /STOP ENGINE	EFB	AGM VRLA/GEL	VEHICLE						CURRENT CCA SAE	
	Battery/Batteries/Ladegeräte	Alternator Circuit/Circuit alterateur/Lichtmaschinenchaltkreis						Motorcycle	Car	Van	Truck	Truck	Truck		
<b>PBT 550</b>	12V	12V	•	•	•	•	•							30 > 220 Ah	100 > 2000 A
<b>PBT 710</b>	12V	12V	•	•	•	•	•							5 > 220 Ah	10 > 2000 A
<b>PBT 720</b>	6V 12V	6-12-24V	•	•	•	•	•							7 > 240 Ah	10 > 2000 A
<b>PBT 812</b>	6V 12V	12V	•	•	•	•	•							7 > 240 Ah	25 > 3000 A
<b>PBT 824</b>	6V 12V 24V (2x12)	12-24V	•	•	•	•	•							7 > 240 Ah	40 > 2000 A
<b>PBT 924</b>	6V 12V 24V (2x12)	12-24V	•	•	•	•	•							7 > 240 Ah	40 > 2000 A

YouTube  
**PLAYLIST BATTERY TESTERS**

1.3 m 0.5 m \*detachable M/F plug  
Clamps 056510  
Included for PBT 812 / PBT 824 / PBT 924  
4 wire connector = more precision  
connecteur 4 fils = plus de précision

**COMPATIBILITY**  
USB Barcode scanner 1D/2D for PBT 812, PBT 924 027718 p.36



# POWER INVERTERS

12/24 V DC > 230 V AC



## PSW REMOTE CONTROL

For 601W-12

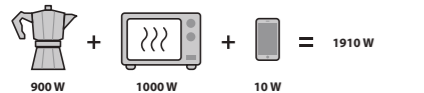
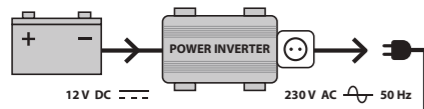
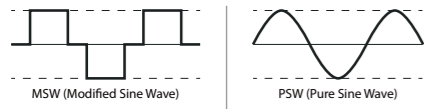


For 1002W RC-12, 1502W RC-12, 2002W RC-12, 2002W RC-24, 3000W RC-12, 000V RC-24

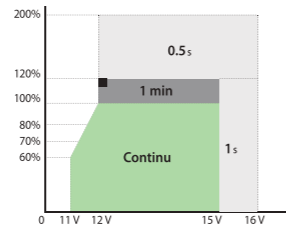


Input = 888 V  
Output = 888 W

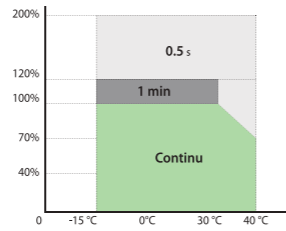
## MSW / PSW TECHNOLOGY



Power based on output voltage  
Puissance en fonction de la tension de sortie  
Leistung in Abhängigkeit von der Ausgangsspannung



Power based on temperature  
Puissance en fonction de la température  
Leistung in Abhängigkeit von der Temperatur



- Under-voltage / Over-voltage / Overload / Overheating / Output short-circuit
- Tension faible / Surtension / Surcharge / Surchauffe / Court-circuit
- Unterspannung / Überspannung / Überlastung / Überhitzung / Kurzschluss am Ausgang



### SELECT THE RIGHT POWER INVERTER

- CHOISISSEZ VOTRE CONVERTISSEUR
- WÄHLEN SIE IHREN WECHSELRICHTER

CONVERGYS 150	CONVERGYS 300	PSW 601W RC-12	PSW 1002W RC-12	PSW 1502W RC-12	PSW 2002W RC-12	PSW 3000W RC-12	PSW 2002W RC-24	MSW 82000	PSW 3000W RC-24	70 Ah	200 Ah
12 V								24 V			

HOME APPLIANCE - ÉLECTROMÉNAGER			
Microwave - Micro-Ondes - Mikrowelle	700 - 1000 W	30 - 50 min	1 h 30 - 2 h
Toaster - Grille Pain	800 - 1500 W	20 - 40 min	1 h - 2 h
Fridge - Réfrigérateur - Kühlschrank (40 L)	45 W	12 h	35 h
Kettle - Bouilloire - Wasserkocher	700 - 2500 W	15 - 45 min	35 min - 2 h
Espresso coffee maker - Cafetière espresso - Espresso-Maschine	1000 - 1600 W	20 - 30 min	1 h - 1 h 30
Drip coffee maker - Cafetière filtre - Filterkaffee-Maschine	800 - 1200 W	25 - 40 min	1 h 30 - 2 h
ELECTRONIC - ÉLECTRONIQUE			
Mobile phone - Téléphone - Telefon	5 - 10 W	55 - 110 h	155 - 310 h
Laptop - Ordinateur portable	60 - 95 W	5 - 9 h	16 - 28 h
Radio	10 - 40 W	14 - 55 h	40 - 155 h
TV 15"	40 W	13 h 30	39 h
TV 21"	50 W	11 h	31 h
Video game console - Console de jeux vidéo - Konsole für Videospiele	39 - 100 W	5 - 13 h	16 - 39 h
Camera - Appareil photo - Fotoapparat	4 - 19 W	25 - 135 h	78 - 390 h
COMFORT - CONFORT			
Light - Eclairage - Beleuchtung	100 W	5 h 30	16 h
Electrical heater - Chauffage électrique - Elektrische Heizung	1800 - 2500 W	12 - 20 min	35 - 45 min
Fan - Ventilateur - Lüfter	50 W	11 h	31 h
Hairdryer - Séche cheveux - Fön	1000 - 2000 W	15 - 30 min	45 min - 1 h 30
SAILING - NAUTISME			
Navigation lights - Feux de navigation - Navigationslichter	24 W	30 h	80 h
Radar	24 W	30 h	80 h
Autopilot mode - Pilote automatique	60 W	9 h	30 h
GPS/Sat nav. - GPS	6 W	110 h	310 h

\* Usage duration (h) =  $\frac{80\% \times \text{Capacity (Ah)} \times \text{Optimum Efficiency (\%)} \times \text{Input DC (V)}}{\text{Power (W)}}$

MADE IN CHINA	Power	Peak power	Pure Sin Wave	Optimum Efficiency	Input DC	Output AC	Output USB (2.1) DC	max 150W	1.5mm²	2.5mm²	Universal	6m	Weight	Height	Dimensions
CONVERGYS 150	150W	300W	—	90,5%	12V	230V	5V · 2A	•	—	1.5mm²	•	—	0,5 kg	N/A	8 × 16,5 × 24,7 / 0,45
CONVERGYS 300	300W	600W	—	85%	12V	230V	5V · 2A	•	•	2.5mm²	•	—	0,95 kg	N/A	21,3 × 20 × 6,8 / 0,95
PSW 601W RC-12	600W	1200W	•	90%	12V	230V	5V · 2A	—	cables	6mm²	•	6m	2,2 kg	26,5 × 17 × 7,5	31 × 22 × 12 / 2,3
PSW 1002W RC-12	1000W	2000W	•	90%	12V	230V	5V · 2A	—	cables	10mm²	•	6m	4,7 kg	37,5 × 21 × 10	44 × 27 × 16 / 4,5
PSW 1502W RC-12	1500W	3000W	•	90%	12V	230V	5V · 2A	—	cables	16mm²	•	6m	5 kg	37,5 × 21 × 10	44 × 27 × 16 / 4,6
PSW 2002W RC-12	2000W	4000W	•	90%	12V	230V	5V · 2A	—	cables	22mm²	•	6m	6,25 kg	38,5 × 25 × 10	43 × 32 × 16,5 / 5,7
PSW 3000W RC-12	3000W	6000W	•	85%	12V	230V	5V · 2A USB-C 18W (5V/3.1A - 9V/2A - 12V/1.5A)	—	cables	18mm²	•	6m	10,7 kg	49,8 × 28,8 × 14,2	58 × 35 × 28 / 11,2
MSW 82000	2000W	4000W	—	80%	24V	230V	5V · 2A	—	cables	12mm²	•	—	5,8 kg	35 × 20 × 28	45,3 × 26,8 × 16,1 / 4,9
PSW 2002W RC-24	2000W	4000W	•	90%	24V	230V	5V · 2A	—	cables	12mm²	•	6m	6,25 kg	38,5 × 25 × 10	43 × 32 × 16,5 / 5,7
PSW 3000W RC-24	3000W	6000W	•	85%	24V	230V	5V · 2A USB-C 18W (5V/3.1A - 9V/2A - 12V/1.5A)	—	cables	18mm²	•	6m	10,7 kg	49,8 × 28,8 × 14,2	58 × 35 × 28 / 11,2

12 V CONVERGYS

CONVERGYS 150  
027022



CONVERGYS 300  
027053  
027046



12 V PURE SINE WAVE

PSW  
601W RC-12



067332  
067349

PSW  
1002W RC-12



067356  
067363

PSW  
1502W RC-12



067370  
067387

PSW  
2002W RC-12



067394  
067400

PSW  
3000W RC-12



089853

NEW  
01/2026

24 V MODIFIED SINE WAVE



MSW 82000

027237  
027244

24 V PURE SINE WAVE



PSW  
2002W RC-24

067417  
067424

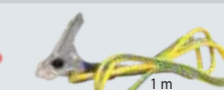
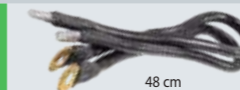


PSW  
3000W RC-24

089860

NEW  
01/2026

INCLUDED FOR ALL

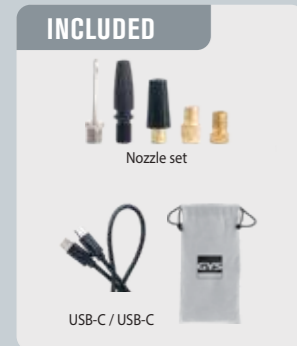




# AIR COMPRESSOR

**NOMAD AIR COMPRESSOR**  
088795

**NEW**



- 5 INFLATION MODES**
- Car (2.50 bars)
  - Motorbike (2.40 bars)
  - Ball (4.10 bars)
  - Bike (0.55 bars)
  - Favorites (1.40 bars)

Ultra light & Compact

30L/ min



- OPTION**
- 15 W USB-C Charger 087101
  - 15 W USB-C Charger 087354

NOMAD AIR COMPRESSOR	LITHIUM Battery			Pressure	INPUT	OUTPUT	Dimensions	Weight
	CAPACITY	TYPE	FULL CHARGE					
	2.5 Ah / 27.75 Wh	Lico02	2h15	10 bars	USB-C: 5V/2A	(x1) USB-A: 5V - 2.1A	6.4 x 5.65 x 17.55 cm	0.61 kg

# EV CHARGING

Rechargement EV • Laden für Elektrofahrzeuge  
• Carga de EV • Ricarica per veicoli elettrici

6 A > 32 A

RECHARGE TIME (20 to 100%)\*

Power Grid	230 V (1 ph)						400 V (3 ph)								
	6 A 1.4kW	8 A 1.8kW	10 A 2.3kW	13 A 2.9kW	16 A 3.7kW	32 A 7.4kW	6 A 4.1kW	8 A 5.5kW	10 A 6.9kW	13 A 8.9kW	16 A 11kW	20 A 14kW	32 A 22kW		
Example of battery capacity	10 kW	6h	4h30	3h30	3h	2h	1h30	1h	2h	1h30	1h	50 min	40 min	-	-
	20 kW	12h	9h	7h	5h30	4h30	3h30	2h	4h	3h	2h30	2h	1h30	-	-
	50 kW	29h	22h	18h	13h	11h	9h	5h30	9h	7h30	6h	4h30	3h	2h30	1h30
	60 kW	35h	26h	21h	16h	13h	10h30	6h30	11h30	9h	7h	5h30	4h	3h30	2h
	70 kW	40h	30h	24h	19h	15h	12h	7h30	13h30	10h	8h	6h30	5h	4h	2h30
80 kW	46h	34h	27h	22h	17h	14h	8h30	15h30	11h30	9h	7h	6h	4h30	3h	

\*Indicated values

**INCLUDED**

	075320	080676
16 A / 1 ph	✓	-
13 A / 1 ph	-	✓
32 A / 3 ph	✓	✓
16 A / 1 ph	-	✓

more input options...  
available on request

IP 65 23 x 16 x 9 cm / 46 x 20.5 x 38 cm / 6 kg



**SUPER PRO SMART EV CHARGE**

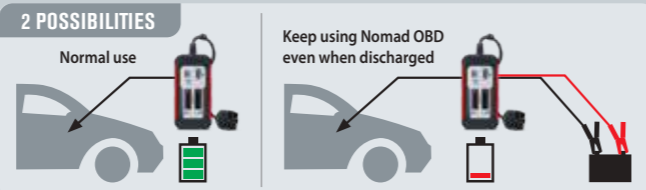
6 → 32A 1ph / 3ph

TIMER FUNCTION  
Delay start 1h → 24h

075320  
080676

# MEMORY SAVER

**NOMAD OBD MEMORY SAVER**  
085480



INSIDE	MEMORY SAVER	Dimensions	Weight
Li-ion 12V - 2 Ah	OBD < 4 A < 4 A	14.5 x 7.2 x 3.5 cm	515 g

## Connected to booster

**CABLE OBD**  
- Câble OBD  
- Kabel für OBD



MEMORY AUTO SAVE CABLE OBD  
Fuse 7,5 A - 1,5 m  
054202



	IP	U <sub>1</sub>	I <sub>1</sub>	P	Icons	Length	Type
SUPER PRO SMART EV CHARGE	65	1 ph 3 ph + N	6/8/10/13/16/20/32 A	1,4 → 22kW	• -	5 m	Type 2
EV CHARGING PORTABLE	66	1 ph	10 / 16 A	2,3 / 3,7kW	• -		Type 2
EV CHARGING SPIRAL CABLE	66	1 ph	32 A	7,4 kW	- •		Type 2
EV CHARGING STANDARD CABLES	55	1 ph	32 A	7,4 kW	- •		Type 2
	55	3 ph	32 A	22 kW	- •		Type 2



# EV BATTERY ACCESSORIES

EQUIPMENT FOR EV AND HYBRID APPLICATIONS - Équipements pour opérations sur véhicules électriques & hybrides - Ausrüstung für den Betrieb von Elektro- und Hybridfahrzeugen

FACE SHIELD WITH HEADBAND  
- ÉCRAN FACIAL AVEC SERRE-TÊTE  
068018



INSULATING GLOVES (T10)  
- GANTS ISOLANTS (T10)  
068025



JACKET - Veste - Jacke

98% cotton,  
2% antistatic  
EN ISO 11612  
A1+A2-B1-C1-E3-F1  
S (40/42)  
046368  
M (44/46)  
046375  
L (48/50)  
046382  
XL (52/54)  
046399  
XXL (56/58)  
046412  
EN 1149-5  
EN ISO 11611  
Class 2-A1 & A2  
EN 14404  
+A1  
Type 2

Working zone warning kit  
- Kit pour le balisage de la zone d'intervention  
- Kennzeichnungsset für Hochvolt-Bereiche  
064409



Red and white warning pole - Balise de signalisation rouge et blanche	x 4
Red and white bounding line - Chaîne de délimitation rouge et blanche	x 1
Sign board "Danger, working area EHV" - Pancarte de signalisation "Danger, zone de travail VEH"	x 2



TROUSERS - Pantalon - Hose

98% cotton,  
2% antistatic  
EN ISO 11612  
A1+A2-B1-C1-E3-F1  
S (40/42)  
046313  
M (44/46)  
046320  
L (48/50)  
046337  
XL (52/54)  
046344  
XXL (56/58)  
046351  
EN 14404  
+A1  
Type 2  
EN 1149-5

# EV BATTERY LIFT

1T MOBILE LIFTING TABLE WITH HYDROPNEUMATIC PUMP  
- Table élévatrice mobile 1 tonne avec pompe hydropneumatique - Mobilier 1-Tonnen-Hubtisch mit hydropneumatischer Pumpe

083912  
Weight : 385 kg

max : 148 cm  
min : 130 cm

1 t  
max



6-8 bar

Hydropneumatic pump  
- Pompe hydropneumatique

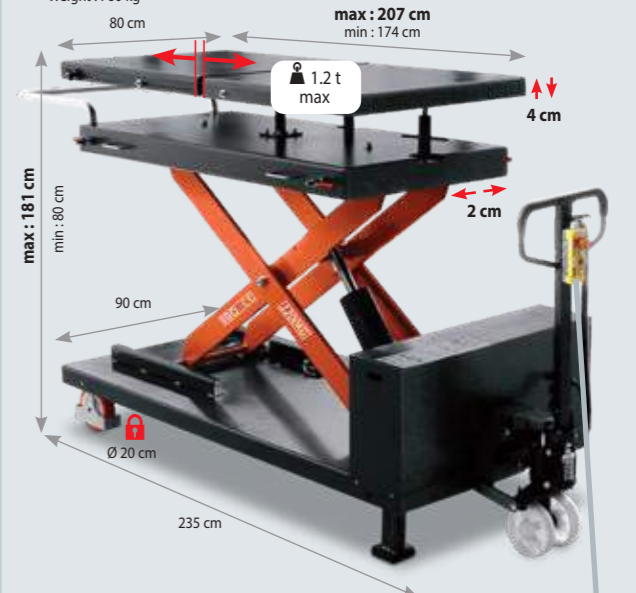
FAST: 110 s  
PRECISE: 30 s

1.2T LIFTING TABLE FOR ELECTRIC VEHICLE BATTERIES  
- Table de levage 1.2T pour batteries de véhicule électrique - 1,2T Hubtisch für Elektrofahrzeugbatterien

083929  
Weight : 760 kg

max : 207 cm  
min : 174 cm

1.2 t  
max



230 V ~1 phase 50 Hz

FAST: 45 s  
PRECISE: 170 s  
40 s



# BATTERY LIFT

JOBSITE XL HAND TROLLEY  
039568

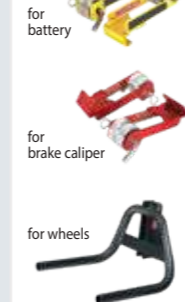
↳ 18.3 kg 66 x 47 x 20 cm / 19.5 kg



MULTITOOL TRUCK  
max 200 kg

067158  
↳ 90 kg  
↳ 123 x 79 x 39 cm / 95 kg

INCLUDED



SAFE  
EN 14238 + A1

SAFE LIFTING



# WORKSHOP EQUIPMENT

## ROUND STOOL WITH TOOL STORAGE

- Tabouret - Werkstatt-Rollhocker

057555  
38 x 38 x 44 cm - 5.2 kg  
⊗ 41 x 19 x 41 cm / 5.6 kg



## PLASTIC STOOL WITH TOOL STORAGE

- Tabouret en plastique avec rangements - Kunststoffhocker

085916  
3.9 kg  
⊗ 61 x 36 x 16 cm / 4.6 kg



## 3-DRAWER WORKSHOP STOOL

- Tabouret d'atelier 3 tiroirs - Werkstattthocker 3 Schubladen

079878  
47 x 35 x 43 cm / 12 kg  
⊗ 38.5 x 37 x 38.5 cm / 13 kg



## FOLDING STEP STOOLS - Marche pieds (Aluminium)

- Arbeitspodest klappbar

080041  
7.3 kg  
⊗ 100 x 39.5 x 19 cm / 8.1 kg

ALU

150 kg max



## MECHANICS CREEPER WITH TILTING HEADREST

- Chariot de visite - Werkstatt-Rollliege

057548  
102 x 43 x 11 cm / 5.3 kg  
⊗ 104 x 45 x 13 cm / 6 kg

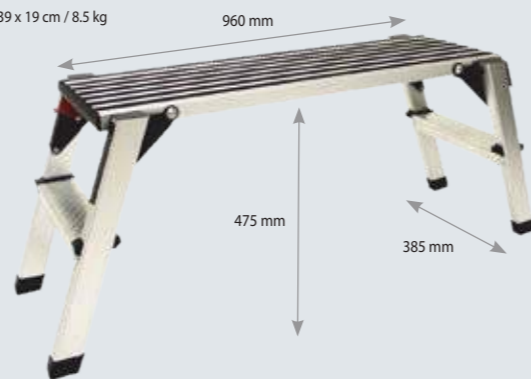


057562

7.9 kg  
⊗ 102 x 39 x 19 cm / 8.5 kg

ALU

150 kg max



## 2 IN 1 MECHANICS CREEPER

- Chariot de visite 2 en 1 - Werkstatt-Rollliege

079861  
102 x 40 x 14 cm  
⊗ 40 x 13 x 63 cm - 7.6 kg

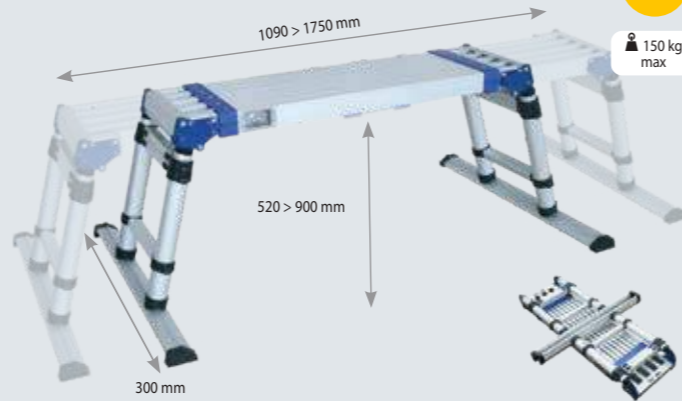


058552

↓ 113 x 41 x 16 cm / 16 kg  
⊗ 117 x 42 x 17 cm / 17 kg

ALU

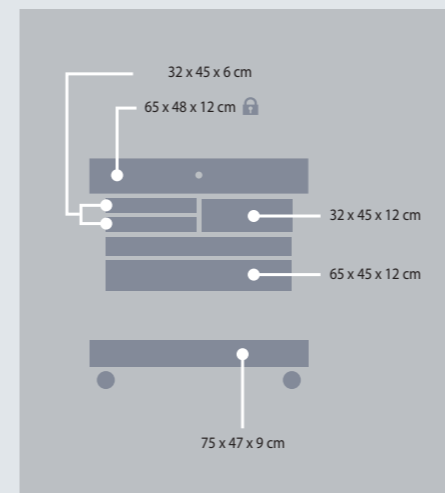
150 kg max



## WORKSTATION PREMIUM 5 DRAWERS

- Servante premium 5 tiroirs

076143  
⊗ 64 kg  
Capacity 320 kg



## PLASTIC TROLLEY 3 SHELVES

- Servante plastique 3 plateaux

087309



## WORKSTATION 3 SHELVES 1 DRAWER

- Servante d'atelier 3 plateaux 1 tiroir

088023



# ACCESSORIES

## MANUAL TOOL FOR BLIND RIVETS

- Riveteuse manuelle - Manueller Blindnietgerät

For BLIND rivets - Pour rivets POP  
- Für Blindniet

Steel / Acier Ø 3.2/4.0/4.8/6./6.4  
Alu Ø 3.2/4.0/4.8/6./6.4

061323



Made in Taiwan

## MAGNETIC COVER - Couverture magnétique - Magnetschutzdecke



1.06 m x 0.6 m  
061446

## INFRARED THERMOMETER

- Thermomètre infrarouge



Adjustable emissivity:  
0.10 ~ 1.00



079922

-50 / +600 °C  
-58 / +1112 °F

## GLOVES - Gants - Handschuhe - Guantes



Anti-cut  
- Anti coupure  
T9  
045897

EN388  
4342C



✓ touch screen friendly  
- écran tactile

High resistance anti-cut  
- Anti coupure haute résistance  
EN 420  
EN 388:4121  
T9: 045910  
T10: 045927



High dexterity anti-cut  
- Anti coupure haute dextérité  
EN 420  
EN 388:1121  
T9: 045903  
T10: 045934



Ultra Flexible

T10  
064188

EN388  
2011 X

EN420  
2003  
+A1

## HEAT COVER - Couverture anti-chaueur - Hitzeschutzdecke - Manta anti-calor - Protecção anti-aquecimento



PROTEC 550  
550°C/1000°F - Class M0  
2 m x 2 m - 580 g/m²  
050495



PROTEC 1200  
1200°C/2200°F - Class M0  
1.75 m x 1.5 m - 1200 g/m²  
050204



PROTEC 1300  
1300°C/2400°F - Class M0  
XL: 2 m x 1.8 m - 620 g/m²  
053595



PROTEC 1300L  
1300°C/2400°F  
XL: 2 m x 1.8 m - 420 g/m²  
060500

## SET OF 2 MAGNETS

- Jeu de 2 aimants  
- Schweißmagnet



(x2)  
052291

## RESPIRATORY MASKS - Masques respiratoires - Atemschutzmaske - Máscaras respiratorias



FFP3 - EN 140 / EN 143 / EN 166  
(x1) Size M/L  
037021



FFP3 - EN 140 / EN 143  
(x1) Size M/L  
037014



Étui/Case  
037045



FFP3 - EN 143 : 2000 P3  
Anti poussières  
/ Anti odeurs  
037038

# JUMPER CABLES

320 A > 1000 A

	Tractor	Caravan	Motorhome	Van	Car	Truck	Trailer	Boat	Truck	Trailer	Bus
056206											
564015											
056404											
056602											
056190											
056312											
056329											
056336											
056343											
056558											
056541											
056619											

## PRO BRASS CLAMPS

BRASS CLAMPS, NON-INSULATED - Pincas laiton, non isolées - Messingklammern, nicht isoliert - Pinzas de latón, no aisladas - Morsetti in ottone non isolati



	Amperage	Length	Clamps	Area	TYPE
056206	320 A	3 m	—	16 mm²	(CCA)
564015	500 A	3 m	—	25 mm²	(CCA)
056404	700 A	4,5 m	—	35 mm²	(CCA)
056602	1000 A	5,1 m	—	50 mm²	(100% Cu)
056190	1000 A	4,5 m	INCLUDED	50 mm²	(100% Cu)

## PRO INSULATED CLAMPS

INSULATED CLAMPS - Pincas isolées - Isolierte klammern - Pinzas aisladas - Morsetti isolate



	Amperage	ESSENCE BENZINE PETROL	DIESEL	Length	Clamps	Area	TYPE	DIN 72553
056312	200 A	1,5l		3 m	—	10 mm²	≅ Ø Cu	—
056329	320 A	2,5l		3 m	—	16 mm²	≅ Ø Cu	•
056336	500 A	5,5l	3l	3,5 m	—	25 mm²	≅ Ø Cu	•
056343	700 A	7l	4l	4,5 m	—	35 mm²	≅ Ø Cu	•
056558	1000 A	7l	4l	4,5 m	INCLUDED	50 mm²	(100% Cu)	—

## SUPER PRO INSULATED CLAMPS



INCLUDED  
x 8



ANTI-ARC PROTECTION x2

MADE IN FRANCE

	Amperage	Length	Area	TYPE	Amperage	Length	Area	TYPE
056541	700 A	4,5 m	35 mm²	100% Cu	056619	1000 A	5 m	50 mm² 100% Cu

# ACCESSORIES



Current clamp  
- Pince ampèremétrique  
- Strommesszange  
400 A 053991  
600 A 053984

## CLAMPS - Pincas - Klemmen - Pinzas - 充电夹

	40A	60A	200A	300A	600A	650A	700A	850A	1000A	300A	600A
I 100%	30A	60A	100A	200A	120A	120A	120A	170A	200A	-	-
I peak	75A	150A	200A	300A	600A	650A	700A	850A	1000A	-	-
max	↔ 30 mm	↔ 25 mm	↔ 38 mm	↔ 45 mm	↔ 40 mm	↔ 35 mm	↔ 28 mm	↔ 44 mm	↔ 55 mm	↔ 38 mm	↔ 38 mm
max	2.5 mm <sup>2</sup>	16 mm <sup>2</sup>	16 mm <sup>2</sup>	25 mm <sup>2</sup>	35 mm <sup>2</sup>	25 mm <sup>2</sup>	25 mm <sup>2</sup>	35 mm <sup>2</sup>	70 mm <sup>2</sup>	50 mm <sup>2</sup>	95 mm <sup>2</sup>

053106	071896	071889	053502	053403	053700	053601	053779	053786	055551	055544	025783	025776	053816	053793	025769	025752	038059	038066

## CABLE LUGS - Cosses - Terminal Kabelschuhe - Kabelschoen

	16 mm <sup>2</sup> M10 ×10	038219		25 mm <sup>2</sup> M10 ×10	038226		35 mm <sup>2</sup> M14 ×10	038233		50 mm <sup>2</sup> M14 ×10	038240		75 mm <sup>2</sup> M16 ×10	038257		25 mm <sup>2</sup> M5 ×100	047525		16 mm <sup>2</sup> M15 ×100	047518		70 mm <sup>2</sup> M10 ×100	047556		95 mm <sup>2</sup> M10 ×50	047570
--	----------------------------	--------	--	----------------------------	--------	--	----------------------------	--------	--	----------------------------	--------	--	----------------------------	--------	--	----------------------------	--------	--	-----------------------------	--------	--	-----------------------------	--------	--	----------------------------	--------

## CABLES EN 60245-6/H01N2-D (Rubber - Caoutchouc)

EN 60974-9	⊙	↔ L	A (60%)	A (35%)
16 mm <sup>2</sup>	100m	046252	121	131
		↔ x m 046207		
	5m	045408	165	185
		↔ x m 046603		
		↔ x m 046306		
		100m 046702	211	243
35 mm <sup>2</sup>	↔ x m 046405			
	100m 046801	275	323	
	↔ x m 046757			
70 mm <sup>2</sup>	100m 046832	351	419	
	↔ x m 046863			
95 mm <sup>2</sup>	↔ x m 046863	433	527	

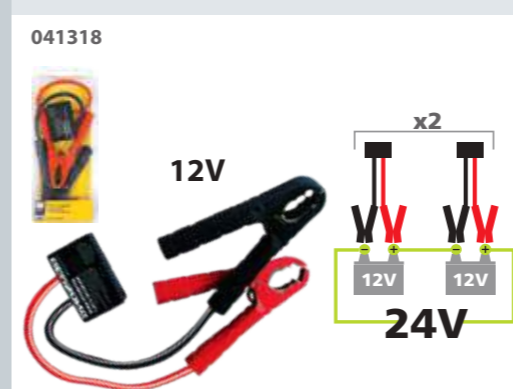
## HIGH FLEXIBILITY ELECTRICAL CABLES

	⊙	↔ L	A (60%)	A (35%)
10 mm <sup>2</sup>	100m	054882	88	92
		056107	056091	
16 mm <sup>2</sup>	100m	054905	120	130
		056121	056114	
25 mm <sup>2</sup>	100m	054929	164	184
		056145	056138	
35 mm <sup>2</sup>	100m	054943	210	240
		056169	056152	
50 mm <sup>2</sup>	100m	054967	273	320
		056183	056176	
70 mm <sup>2</sup>	50m	056565	310	380

## DINSE CONNECTORS - Connecteurs Texas - Stecker - Conectores

	I A max	⊙ mm <sup>2</sup>	⊙ mm	⊙ mm	Compatibility	Ref.
	200	10/25	14	9	CM 25.14, CF 25.14	x1 045507
	300	35/50	21	13	CM 50.21, CF 50.21	x1 045606
	400	50/70	21	13	CM 70.21	x1 047488
	200	10/25	14	9	CF 25.14	x20 045668
	300	35/50	21	13	CF 50.21	x10 045613
	400	50/70	21	13	CF 70.21	x5 045750
	500	70/95	24	13	CF 95.24	x5 047495
	200	10/25	14	9	CM 25.14	x30 045651
	300	35/50	21	13	CM 50.21	x10 045620
	400	50/70	24	13	CM 70.21	x5 045736
	500	70/95	24	13	CM 95.24	x5 072374

## ANTI-ARC PROTECTION



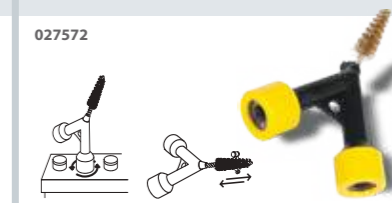
## ACIDIMETER (PH METER)



## ADJUSTABLE BATTERY CARRIER



## BATTERY TERMINAL CLEANING BRUSH



## QUICK CONNECTORS



## FUSES - Fusibles - Sicherungen - Fusibles - 保险丝

	6.3A 054578		10A 054527		10A 054530		15A 054493		20A 054509		25A 054516		30A 054523		40A 054554		100A 054486		100A 054394		150A 027930		200A 054547		250A 055568		300A 054561		40A 054646		50A 054622		80A 054653		125A 054585		150A 054639
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## BATTERY TERMINAL - Cosses batterie - Polklemmen - Terminales batería - 电池端子

	⊙ 10 mm / 35 mm <sup>2</sup>		⊙ 13 mm / 50 mm <sup>2</sup>		⊙ 16 mm / 70 mm <sup>2</sup>	
054400	x25 054431	x25 054332	x25 054417	x25 054356	x25 054370	x25 054387

	67 W Fast USB-C Charger ✓ Nomad Power PRO 901 FC 087132
	15 W USB-C Charger ✓ Nomad Power 401 / 501 ✓ Nomad Power PRO 701 / PRO 801 / PRO 901 FC 087101
	15 W USB-C Charger ✓ Nomad Power 401 / 501 ✓ Nomad Power PRO 701 / PRO 801 / PRO 901 FC 087354

## SOLAR POWERED CHARGER WITH ACCESSORIES - Kit solaire de maintien de charge avec accessoires - Solarpanel zur Ladeerhaltung mit Zubehör - Kit solar de mantenimiento de carga



## SOLAR PANEL - Panneau solaire - Solarpanel - Panel solar



**INSPECTION LAMP - Lampe inspection - Inspektionslampen**

**FRONTAL INSPECTION LAMP 280 L**  
**100-280 lumens**

3 W COB LED  
 80 CRI+, 6500 K  
 3.7 V - 1500 mAh Li-po  
 micro USB charging  
**operating time**  
 High position: 2 h  
 Low position: 6 h

IP 65 / 7.8 x 4.7 x 4.2 cm  
 40 x 8.8 x 5.5 cm / 200 g

060845




**PORTABLE LAMP 400 L**  
**400 lumens**

COB LED  
 Li-ion  
 Charging time: 8h  
**operating time**  
 High position: 2.5 h  
 Low position: 5 h  
 Top light (1 W): 6 h

23 x 6.5 x 4 cm / 480 g  
 13 x 7 x 23.5 cm

059153



**HANDS-FREE TORCH 360 L**  
**180-360 lumens**

3.7 V - 2200 mAh Li-ion  
 Charging time: 3.5 h  
**operating time**  
 High position: 3 h  
 Low position: 6 h

26 x 15.9 x 2.5 cm  
 3.5 x 30 x 16 cm

088559



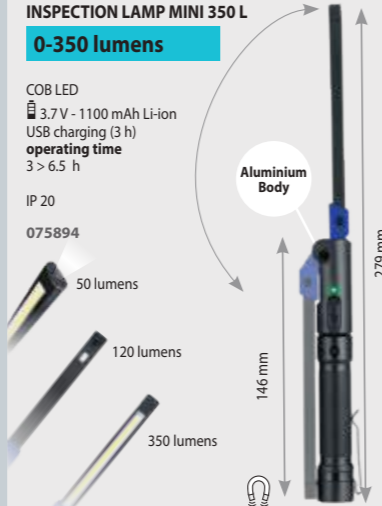
**INSPECTION LAMP MINI 350 L**  
**0-350 lumens**

COB LED  
 3.7 V - 1100 mAh Li-ion  
 USB charging (3 h)  
**operating time**  
 3 > 6.5 h

IP 20  
 075894

50 lumens  
 120 lumens  
 350 lumens

Aluminium Body  
 146 mm  
 279 mm



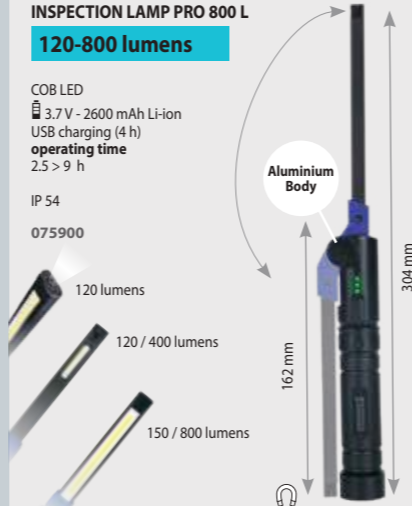
**INSPECTION LAMP PRO 800 L**  
**120-800 lumens**

COB LED  
 3.7 V - 2600 mAh Li-ion  
 USB charging (4 h)  
**operating time**  
 2.5 > 9 h

IP 54  
 075900

120 lumens  
 120 / 400 lumens  
 150 / 800 lumens

Aluminium Body  
 162 mm  
 304 mm



**UNDER BONNET LAMP - Lampe sous capot - Leuchte für Motorhaube**

**UNDER BONNET LAMP 600 L**  
**500-1000 lumens**

120 COB LED  
 3.7 V - 4000 mAh Li-ion  
 charging time: 10/12 h  
**operating time**  
 High position: 4 h  
 Low position: 8 h

26 x 10 x 10 cm  
 2.3 kg  
 23.5 x 12 x 69.5 cm

059962




**UNDER BONNET LAMP 800 L**  
**250-800 lumens**

120 COB LED  
 3.7 V - 4000 mAh Li-ion  
 charging time: 10/12 h  
**operating time**  
 High position: 3 h  
 Low position: 6 h

2 kg  
 60.7 x 15 x 11.3 cm

058002



**WORKLIGHT WITH TRIPOD - Projecteur sur trépied - Arbeitsleuchte mit Standfuß**

**TRIPOD LAMP 3000 L**  
**3000 lumens**

35 W COB LED  
 2 m power cord

IP 44  
 4.1 kg  
 103 x 21.5 x 10 cm

059979

adjustable 1.5 m max




**TRIPOD LAMP 4000 L**  
**4000 lumens**

3 x 20 COB LED, total 60 LED  
 3 m power cord

6.4 kg  
 22 x 16 x 116 cm

059986

adjustable 2.3 m max



**AUTOMOTIVE BATTERIES**

Batteries de démarrage - Starterbatterien - Baterías de arranque  
 - Automotive accu's - Baterias de Automóvel - Motoskopie  
 аккумуляторы - Пусковые батареи - 汽车启动电池

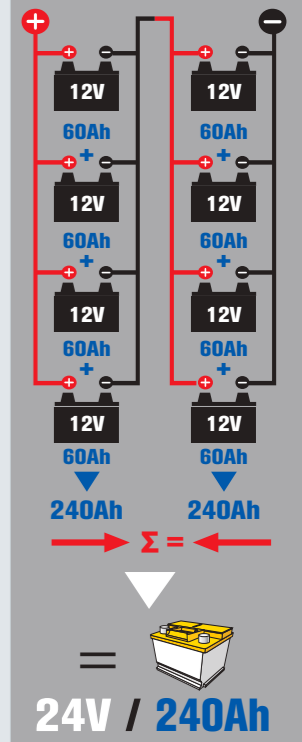
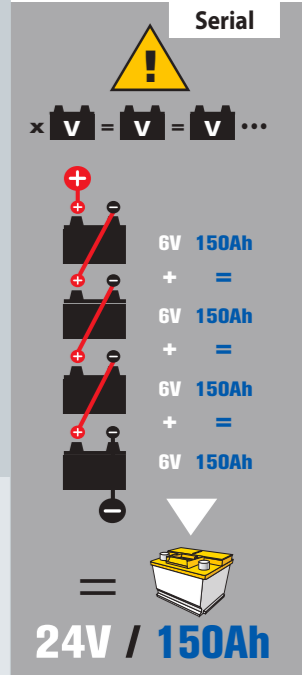
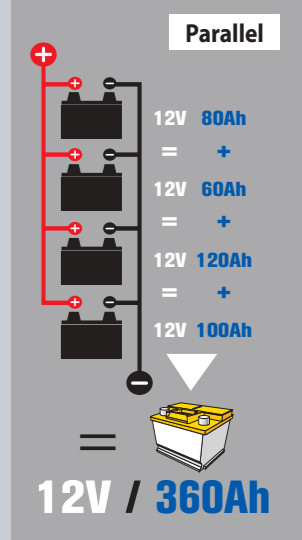
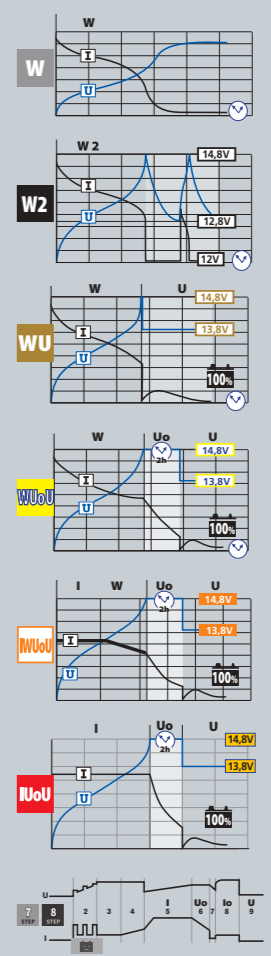
Curves	Pb* (except gel)	Pb* (incl. gel)	Battery overcharged protection	100% charged	Maintenance	Battery desulphation	Fast Charge	Fast Charge ++
W	✓	-	-	✓	-	-	-	-
W2	✓	-	✓	-	-	-	-	-
WU	✓	-	✓	-	✓	-	-	-
WUoU	✓	✓	✓	✓	✓	-	-	-
IWUoU	✓	✓	✓	✓	✓	✓	✓	-
I REGULATED IWOu FAST CHARGE Pb	✓	✓	✓	✓	✓	(except Artic)	✓	✓
7 STEP GYSFLASH Pb	✓	✓	✓	✓	✓	✓	✓	✓

\* Pb - AGM / EFB / VRLA / Liquid / SLI / SLA / Calcium...

GYSFLASH Lithium

8 STEP Li-ion    8 STEP LiFePO<sub>4</sub>    9 STEP Li-ion    9 STEP LiFePO<sub>4</sub>

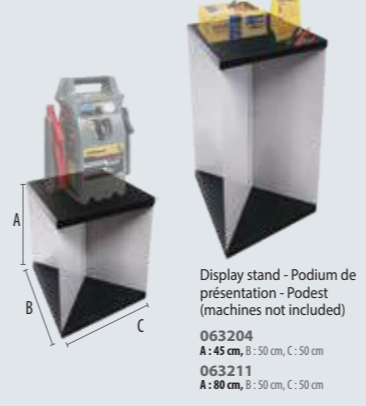
LiFePO<sub>4</sub> / Li-ion / Li-Po / NMC / LCO / MCO / NCA...



**MARKETING**



Catalogs and posters available for download on our website [www.gys.fr](http://www.gys.fr)



Type	FA1	FA2	SB1
complete - complet - komplett	062429	062443	061149
without display stand - sans linéaire - ohne Regal	062436	062450	062412



INVEST IN THE FUTURE

# CHARGE

## 2026

### GYS France

#### Headquarters

1 rue de la Croix des Landes  
CS 54159  
53941 Saint-Berthevin - Cedex  
Laval - France  
Tel +33 2 43 01 23 60  
E-mail [service.client@gys.fr](mailto:service.client@gys.fr)



ZI, 134 bd des Loges  
53941 Saint-Berthevin  
Laval - France

#### Logistics center

2 Rue Jean Dausset  
53810 Changé - France  
Tel +33 2 43 01 54 33

### GYS Germany

Professor-Wieler  
Straße 11  
52070 Aachen  
Deutschland  
Tel +49 241/189-23-710  
Fax +49 241/189-23-719  
E-mail [aachen@gys.fr](mailto:aachen@gys.fr)

### GYS UK

Unit 3 - Great Central Way  
Rugby - Warwickshire  
CV21 3XH  
United Kingdom  
Tel +44 1926 338 609  
Fax +44 1926 429 764  
E-mail [uk@gys.fr](mailto:uk@gys.fr)

### GYS Italia

Via Porta Est, 7  
30020 Marcon - VE  
Italia  
Tel +39 041 53 21 565  
E-mail [italia@gys.fr](mailto:italia@gys.fr)

### GYS Ibérica

Avenida Pirineos 31  
Nave 9  
San Sebastian de los Reyes  
28703 Madrid  
España  
Tel +34 917 409 790  
E-mail [iberica@gys.fr](mailto:iberica@gys.fr)

### GYS China

Lot N°15 - 6666 bd Songze  
201706 Qingpu  
Shanghai - China  
Tel +86 6221 4461  
Fax +86 5226 0067  
[www.gys-china.com.cn](http://www.gys-china.com.cn)  
E-mail  
[contact@gys-china.com.cn](mailto:contact@gys-china.com.cn)

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