



INVEST IN THE FUTURE



French manufacturer
since 1964



Chargers, Boosters & Starters



Charge & entretien des batteries

Batterieservicegeräte-Katalog

Caricabatterie, Booster & Avviatore

Catálogo de Cargadores



2
0
2
1



CHARGER

BSU

BOOSTER

STARTER

TESTER

JUMPER CABLE

ACCESSORIES



GYS FRANCE
Laval

🕒 1964
👤 × 530

Created in 1964, GYS is a French industrial group with 770 employees around the world. Built around continuous investment in Research & Development and in the acquisition of knowledge, the company is now a major player in the design and manufacture of welding machines, battery chargers and car body repair equipment.



Nicolas & Bruno Bouygues

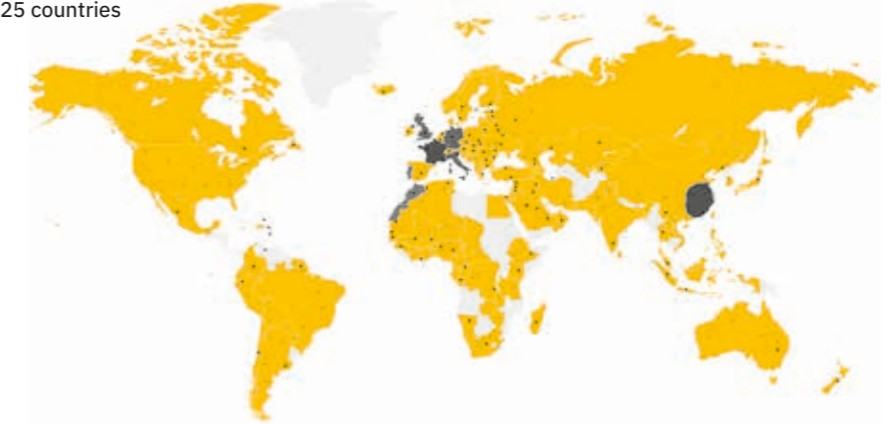
“ The market realities are constantly changing and the size of our family business requires us to quickly adapt to new contexts and new challenges.

We are convinced that our future is closely linked to the future of our partners. This is why we do everything in our power to understand what distributors and users expect from us and what challenges they face every day. To support them in facing these challenges, we wish to become and remain their privileged partner on the path we will travel together. ”

Bruno Bouygues,
C.E.O.

A worldwide coverage

125 countries



INVEST IN THE FUTURE

FR

Créé en 1964, GYS est un groupe industriel français regroupant plus de 770 collaborateurs dans le monde. Fort d'un centre de recherche de premier plan, GYS est un acteur majeur dans la conception et la fabrication d'équipements de soudage, de chargeurs de batteries et de systèmes de réparation carrosserie.

Les nouvelles réalités du marché sont en perpétuel changement et la taille de notre entreprise familiale nous impose une adaptation rapide aux nouveaux contextes et à leurs enjeux.

Nous sommes convaincus que notre avenir est étroitement lié à celui de nos clients. Pour cela, nous mettons tout en oeuvre pour comprendre ce que les distributeurs et les utilisateurs attendent de nous, savoir à quels défis ils font face et voir dans quelle mesure nous pouvons leur permettre de les relever afin de devenir et rester leur partenaire privilégié pour le chemin que nous avons à parcourir ensemble.

DE

GYS wurde 1964 gegründet und ist ein französisches Familienunternehmen mit mehr als 770 Mitarbeitern auf der ganzen Welt. Dank einem erstklassigen Forschungszentrum ist GYS ein wichtiger Akteur in der Entwicklung und Herstellung von Schweißgeräten, Batterieladegeräten und Karosseriereparatursystemen.

Neue Marktbedingungen sind in fortwährender Veränderung und die Größe unseres Familienunternehmens veranlasst eine rasche Anpassung an neue Umstände und an ihre Herausforderungen.

Wir sind überzeugt, dass unsere Zukunft eng mit der unserer Kunden verbunden ist. Dafür setzen wir all unser Können ein, um zu verstehen, was die Händler und Anwender von uns erwarten, welchen Herausforderungen sie gegenüberstehen und um zu schauen, in welchem Maße wir sie unterstützen können, damit wir ihr bevorzugter Partner werden und bleiben auf dem Weg, den wir gemeinsam beschreiten.

IT

Nato nel 1964, GYS è un gruppo industriale francese che raggruppa oltre 770 collaboratori nel mondo. Forte di un centro di ricerca di grande importanza, GYS è uno dei maggiori protagonisti nella progettazione e fabbricazione di apparecchiature per la saldatura e il taglio, di caricabatterie booster e avviatori e sistemi di riparazione delle carrozzerie.

Le realtà del mercato sono in continuo cambiamento e richiedono risposte immediate. Le dimensioni della nostra impresa familiare consentono un adattamento rapido ai nuovi contesti e alle loro problematiche.

Siamo convinti che il nostro futuro sia strettamente legato a quello dei nostri clienti. Per questo noi mettiamo il massimo impegno per capire quello che i distributori e i loro clienti/utilizzatori si aspettano da noi, quali sfide devono affrontare e come possiamo aiutarli per farli crescere, per diventare e restare loro partner di riferimento per proseguire insieme sul cammino del successo.

👤
770 people

🏠
55 000 m²
590 000 sqf
2 factories

🇩🇪 GYS GERMANY
Aachen

🕒 2006
👤 × 70

🇬🇧 GYS U.K.
Rugby

🕒 2008
👤 × 35

🇨🇳 GYS CHINA
Shanghai

🕒 2004
👤 × 125

🇮🇹 GYS ITALIA
Venezia

🕒 2015
👤 × 15

Partners





CHARGERS Pb/Lithium

SMART HF INVERTER

ELECTRICAL MOBILITY

LiFePO₄ / Li-ion / Li-Po / NMC / LCO / MCO / NCA...



54.0V :	LFP	Li
	15 serial cells	13 serial cells
58.0V :	LFP	Li
	16 serial cells	14 serial cells

24 V • ELECTRICAL MOBILITY

48 V • INDUSTRY / ELECTRICAL MOBILITY • 36 / 48 V

GYSFLASH 6.24 PL

6 A GO > 2 V

SSM, t°

7 STEP Pb, 8 STEP LiFePO₄, 8 STEP Li-ion

S SAE Connector

1.45 m, ØM6, 0.45 m, 0.45 m

027398

GYSFLASH 3.48 PL

3 A GO > 5 V

SSM, t°

7 STEP Pb, 8 STEP LiFePO₄, 8 STEP Li-ion

S SAE Connector

1.45 m, ØM6, 0.45 m

027893

GYSFLASH 10.36/48 PL

10 A GO > 5 V

SSM, t°

7 STEP Pb, 8 STEP LiFePO₄, 8 STEP Li-ion

A ANDERSON Connector

1.9 m (4 mm²)

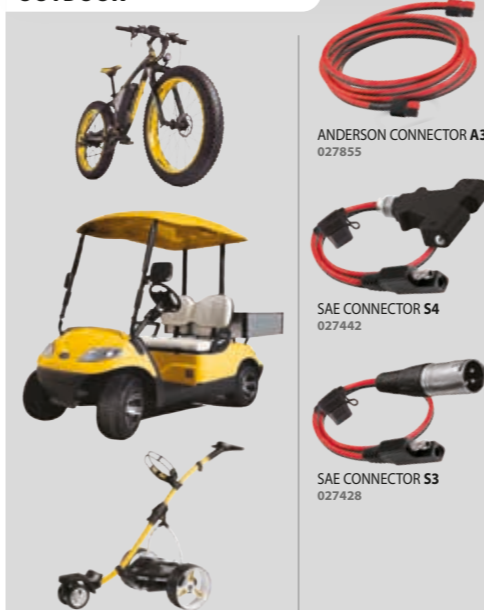
027060, 027916

OPTION Magnetfix 20 026063

MOBILITY



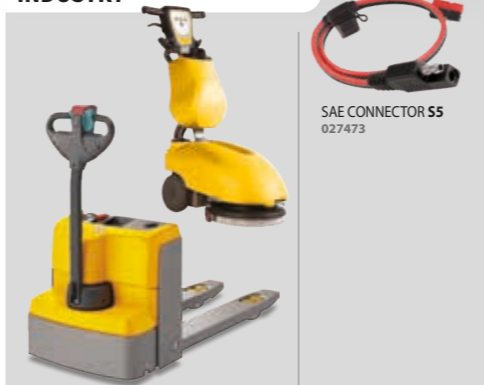
OUTDOOR



MEDICAL



INDUSTRY



CHARGERS LiFePO₄

SMART HF INVERTER



GYSFLASH 1.12 Lithium

1 A GO > 7 V

SSM

8 STEP LiFePO₄

F FLASH Connector

1.45 m, ØM6, 0.45 m, 0.45 m

029675

GYSFLASH 6.12 Lithium

4/6 A GO > 2 V

SSM, CAN BUS

8 STEP LiFePO₄

F FLASH Connector

1.45 m, ØM6, 0.45 m, 0.45 m

029729

MADE IN FRANCE	50/60 Hz	Power	I charge	V	Charge	Maintenance	Zz	Ondulation/Ripple	Charging curve	IP	Weight	Dimensions
GYSFLASH 1.12 Lithium	220-240 V AC	1 m, 18 W	1 A	12 V	0.5 > 20 Ah, 0.5 > 50 Ah	<0.4 Ah/month	<150 mV Rms	IuUu	8 step	IP 65	0.44 kg	130 x 80 x 38 mm
GYSFLASH 6.12 Lithium	220-240 V AC	2 m, 90 W	4/6 A	12 V	1.2 > 125 Ah, 1.2 > 170 Ah	<0.4 Ah/month	<150 mV Rms	IuUu	8 step	IP 65	0.77 kg	190 x 100 x 52 mm

DESIGN GYS FRANCE	PATENTS REGISTERED NUMBERS 002280098 & 002279927 EUROPEAN TRADEMARK & DESIGN	50/60 Hz	Power	I charge	V	Charge	Maintenance	Zz	Ondulation/Ripple	Charging curve	IP	Weight	Dimensions
GYSFLASH 6.24 PL		220-240 V AC	2 m, 190 W	6 A	24 V	15 > 125 Ah (Pb), 2 > 125 Ah (Li)	15 > 170 Ah (Pb), 2 > 170 Ah (Li)	<0.4 Ah/month	<150 mV Rms	IuUu	7 step (Pb), 8 step (Li)	1,1 kg	221x111x58 mm
GYSFLASH 3.48 PL		220-240 V AC	2 m, 195 W	3 A	48 V	6 > 60 Ah, 3 > 60 Ah	6 > 85 Ah, 3 > 85 Ah	<0.4 Ah/month	<150 mV Rms	IuUu	7 step (Pb), 8 step (Li)	1,1 kg	221x111x58 mm
GYSFLASH 10.36/48 PL		220-240 V AC	2 m, 500 W	10 A, 8 A	36 V, 48 V	20 > 230 Ah (Pb), 10 > 230 Ah (Li), 15 > 160 Ah (Pb), 8 > 160 Ah (Li)		<0.4 Ah/month	<150 mV Rms	IuUu	7 step (Pb), 8 step (Li)	1,85 kg	190x190x73 mm



Homologations Approvals Zulassungen



ACCESSIBILITY

22 languages

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

HIGH EFFICIENCY Up to 15% Energy Saving 93% EMC class B

BSU & CHARGERS BATTERY SUPPORT UNIT



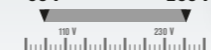
PFC POWER FACTOR CORRECTION

185 V - 265 V



FV FLEXIBLE VOLTAGE

85 V - 265 V



10.5 cm

GYSFLASH 30.12 GYSFLASH 50.12 FV GYSFLASH 100.12

13 cm

GYSFLASH 121.12 CNT FV GYSFLASH 101.24 CNT FV GYSFLASH 125.12 CNT FV



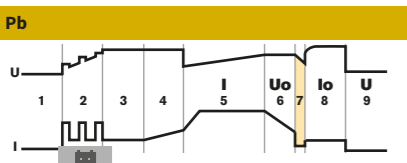
SC SMART COOLING TECHNOLOGY 100% DUST PROOF SILENT

SHOW ROOM CONNECT Ø M6

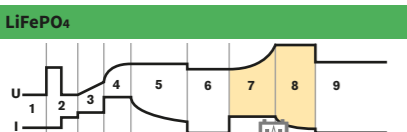


CHARGING TECHNOLOGY

SMART 9 STEP



- 1. Status analysis 2. Recovery 3. Sulphation test 4. Desulfation 5. Fast charge 80% 6. Absorption 7. Test Absorption 8. Refresh 9. Floating 100%



- 1. Status analysis 2. UVP Wake Up 3. Recovery 4. Fast charge 90% 5. Absorption 95% 6. Test 7. Completion 8. Equalization 9. Floating 100%

CHARGE

Pb AUTOMOTIVE

- GEL EXPERT AGM NORMAL LIQUID BOOST EASY RECOVERY+

Pb TRACTION

- LIQUID GEL

LITHIUM READY

- LFP/LiFePO4 LFP CELL+ LI-ION STD LI-ION CELL+

TEST

- VOLTAGE START UP ALTERNATOR

BSU

DIAG+



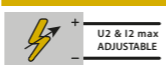
SHOWROOM



CHANGE BATTERY



POWER SUPPLY



LITHIUM

- LFP LI-ION

STARTER

- START

12 V



GYSFLASH 30.12

30 A

PFC SC

2,5 m - 6 mm² 029224



GYSFLASH 100.12

100 A

PFC SC

2,5 m - 16 mm² 029071



GYSFLASH 121.12 CNT FV

120 A

PFC FV CNT Technology

5 m - 25 mm² 026971



GYSFLASH 30.24

30 A

PFC SC

2,5 m - 6 mm² 029231



GYSFLASH 50.24

50 A

PFC SC

2,5 m - 10 mm² 029095 5 m - 16 mm² 029620

GYSFLASH 50.12 FV

50 A

PFC FV SC

2,5 m - 10 mm² 026056



GYSFLASH 125.12 CNT FV

120 A

PFC FV CNT Technology

5 m - 25 mm² 028883



GYSFLASH 101.24 CNT FV

100 A

PFC FV CNT Technology

5 m - 25 mm² 025967

GYSFLASH 51.12 CNT FV

50 A

PFC FV SC CNT

2,5 m - 10 mm² 068179

GYSFLASH 101.12 CNT

100 A

PFC SC CNT

2,5 m - 16 mm² 025790

5 m - 16 mm² 026988

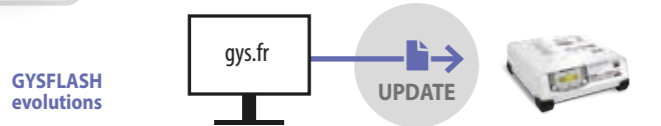


120 A 100%



CNT TECHNOLOGY

1 EASY SOFTWARE UPDATE



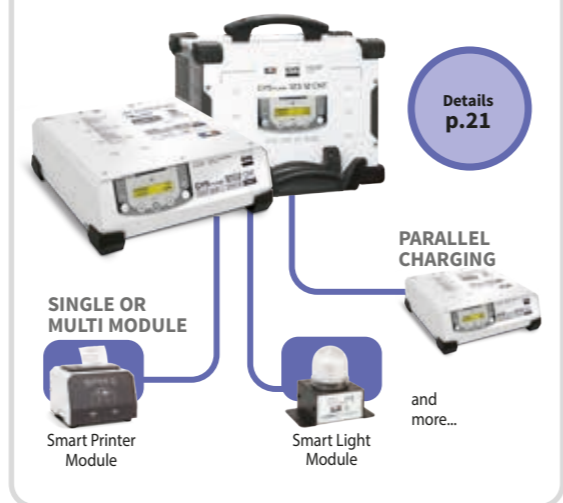
2 FULL DATA TRACEABILITY



3 CUSTOM CONFIGURATION



4 EXTREME MODULARITY



5 SPECIAL PROJECT

Contact us for special projects. Quick customization : modes, curves, parameters, and more...

CONTACT US

Table with columns: MADE IN FRANCE, 50/60 Hz, L, mm², START MINI, I max, 25°C @100%, 40°C @100%, TRACTION BATTERIES, IP, CNT, etc.



BSU & CHARGERS

BATTERY SUPPORT UNIT

PFC POWER FACTOR CORRECTION
185 V ← 265 V
110 V 230 V

FV FLEXIBLE VOLTAGE
85 V ← 265 V
110 V 230 V



SC SMART COOLING TECHNOLOGY



XTREM



IP 23
INDOOR / OUTDOOR



SHOCK RESISTANT

IP 65
INDOOR / OUTDOOR

12 V • VERTICAL

6 / 12 / 24 V • VERTICAL

6/12/24/36/48 V • VERTICAL

12 V • VERTICAL

12 / 24 V • VERTICAL



GYSFLASH 102.12
100 A
PFC SC
5 m - 16 mm²
029606



GYSFLASH 123.12 CNT FV
120 A
PFC FV CNT Technology
5 m - 25 mm²
025677



GYSFLASH 103.24 CNT FV
100 A
PFC FV CNT Technology
5 m - 25 mm²
025684



GYSFLASH 53.48 CNT FV
50 A
PFC FV CNT Technology
5 m - 16 mm²
025998

GYSFLASH 32.12 PL

30 A

SC 7 STEP Pb 8 STEP LiFePO₄
2,5 m - 6 mm²
027381



GYSFLASH 15.24 XTREM

15 A

SC
5 m - 4 mm²
025813

INCLUDED

2pts/Clamps
5 m - 4 mm²
028760

Double insulation

ROBUST & SAFE
2 pts connection



OPTION

NATO CONNECTOR
026780

DIN14690 CONNECTOR
028784

2pts/NATO Spiral
5 m

2pts/DIN 14690
Emergency vehicle
5 m
028777

2pts/NATO
5 m - 4 mm²

025837

INCLUDED

Fixation

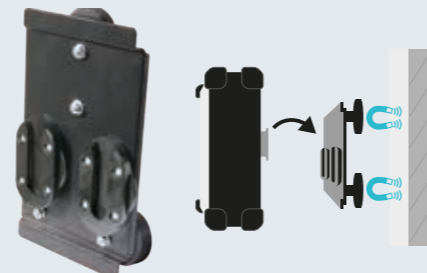
- GYSFLASH :
✓ 32.12 PL
✓ 102.12
✓ 123.12 CNT
✓ 103.24 CNT
✓ 53.48 CNT
✓ 15.24 XTREM



OPTION

MAGNETFIX 50
029637

- GYSFLASH :
✓ 32.12 PL
✓ 102.12
✓ 123.12 CNT
✓ 103.24 CNT
✓ 53.48 CNT
✓ 15.24 XTREM



MADE IN FRANCE

	50/60Hz	L	mm ²		START MINI	I _{max}	25°C@100%	40°C@100%		TRACTION BATTERIES	IP		kg	CNT	
GYSFLASH 102.12	230V	5 m	16	12V	1600W	2V	100 A	75 A	66 A	20 > 1200Ah	—	21	12 × 34,5 × 29,5 cm	9.1 kg	—
GYSFLASH 123.12 CNT FV	85 > 265 V	5 m	25	12V	2000W	2V	110 V : 100 A 230 V : 120 A	100 A 120 A	85 A 120 A	20 > 1500Ah	•	30	34 × 25 × 15 cm	6.2 kg	•
GYSFLASH 103.24 CNT FV	85 > 265 V	5 m	25	6/12V 24V	3200W	2V	110 V : 100 A 230 V : 100 A 110 V : 50 A 230 V : 100 A	100 A 100 A 50 A 95 A	68 A 79 A 47 A 72 A	20 > 1200Ah	•	30	34 × 25 × 15 cm	6.2 kg	•
GYSFLASH 53.48 CNT FV	85 > 265 V	5 m	25	6/12/24V 36/48V	3200W	2V	110 V : 50 A 230 V : 50 A 110 V : 25 A 230 V : 50 A	50 A 50 A 26 A 48 A	28 A 41 A 20 A 37 A	20 > 600Ah	•	30	34 × 25 × 15 cm	5.9 kg	•
GYSFLASH 32.12 PL	230V	2,5 m	6	12V	500W	2V	30 A	30 A	25 A	10 > 400 Ah	—	23	8 × 25 × 20 cm	4.9 kg	—
GYSFLASH 15.24 XTREM	230V	2,5 m	4	12/24V	500W	2V	15 A	15 A	15 A	5 > 240 Ah	—	65	7.5 × 25 × 21 cm	5 kg	—

ACCESSORIES

CABLES

	12V		6/12/24V	VERTICAL				
	30.12 50.12 FV 100.12 101.12 CNT	101.24 CNT FV 121.12 CNT FV	30.24 50.24	102.12 32-12PL	123.12 CNT FV	103.24 CNT FV	15.24 XTREM	53.48 CNT FV
Anderson								
Anderson/Clamps 2.5 m - 16 mm ² 056503	✓	—	✓	✓	—	—	—	—
5 m - 16 mm ² 054615	✓	—	✓	✓	—	—	—	—
8 m - 16 mm ² 056572	✓	—	✓	✓	—	—	—	—
Anderson/NATO 5 m - 16 mm ² 026810	✓	—	✓	✓	—	—	—	—
Anderson->Texas 0.2 m - 16 mm ² 055902	✓	—	✓	✓	—	—	—	—
1 m - 16 mm ² 028791	✓	—	✓	✓	—	—	—	—
Texas								
Texas/Clamps 2.5 m - 25 mm ² 028876	—	✓	—	—	✓	✓	—	✓
5 m - 25 mm ² 027886	—	✓	—	—	✓	✓	—	✓
Texas/REMA 5 m - 25 mm ² 025714	—	✓	—	—	✓	✓	—	✓
Texas/Anderson 175A 5 m - 25 mm ² 025721	—	✓	—	—	✓	✓	—	✓
Texas/NATO 5 m - 25 mm ² 025707	—	✓	—	—	✓	✓	—	✓
NATO								
NATO CONNECTOR 026780	✓	✓	✓	✓	✓	✓	✓	✓

SUPPORTS

Chariot - Trolley Fahrwagen
028890

Option - SLM/SPM support
028906

Option - Cable support
052284

Tablette Wall support Wandhalterung
055513

Valise de chantier Heavy-duty case Hartschalenkoffer
-L: 21 x 43 x 57 cm
3.9 kg
060432

VERTICAL

HORIZONTAL

ALL GYSFLASH - COMPATIBILITY -

FUSES

INTERNAL		EXTERNAL
x2 40 A for GYSFLASH 30 054646	x2 125 A for GYSFLASH 100, 101, 102 054585	x5 6.3 A for GYSFLASH 30 054578
80 A for GYSFLASH 40, 50 054653	150 A for GYSFLASH 121, 123, 103 027930	10 A for GYSFLASH 40, 50, 100, 101, 102 056527

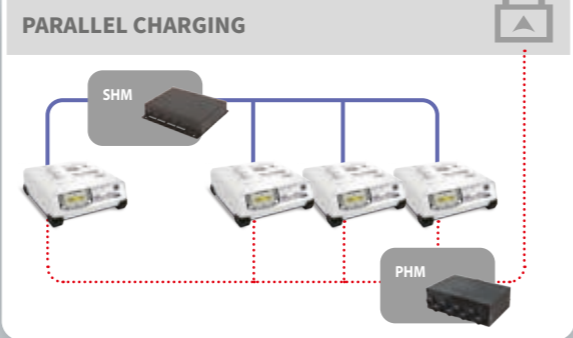
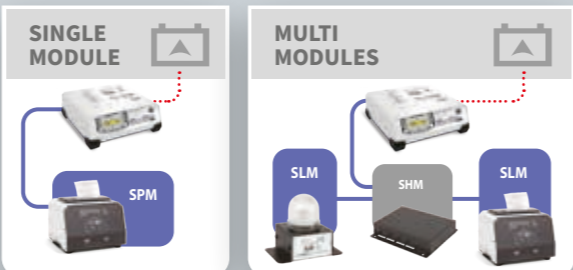
SMC CABLE

SMC cable, 3 m
025691

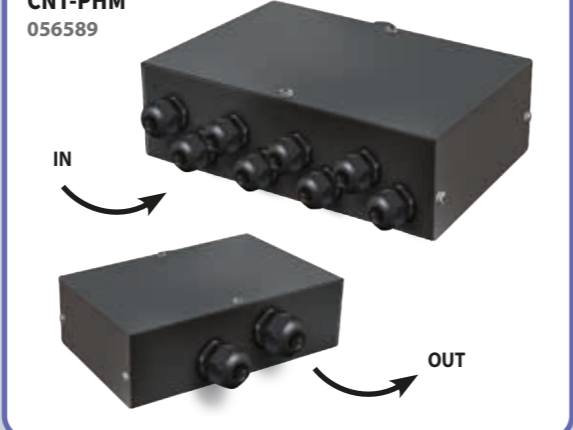
CNT ACCESSORIES



Example of use



4 POWER HUB MODULE : PHM COMING SOON 05/21



CNT MODULES

1 PRINT & SCAN

CNT-SPM
Smart Printer Module
026919

OPTIONS

USB Barcode scanner 1D/2D 027718

Support Barcode scanner 025745

USB Keyboard
AZERTY 027725
QWERTY 027770
QWERTZ compatibility

included

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

SMC cable
0.5 m

1 - Customer data

2 - Battery data

3 - Charge data

4 - Printing

YouTube

2 LIGHT & SOUND

CNT-SLM
Smart Light Module
027978

65dB

included

Pb charge

Lithium charge

OK

Error

YouTube

3 SMART HUB MODULE COMING SOON 05/21

CNT-SHM
025981

UP TO 4 MODULES + 4 GYSFLASH

included

SMC cable, 0.5 m

GYSFLASH CNT Technology

5 SMART USB MODULE

CNT-SUM
025974

included

SMC cable 0.5 m

USB micro A

Computer / Diag System

YouTube

COMING SOON

Smart Communication Module

Bluetooth

Wifi

LoRa

Sigfox

CAN-bus and more...

6 MEASURE & AUTOMATE COMING SOON

Smart Extender Module

t² sensor

Voltage

Numerical

Current

and more...

7 CONTACT US SPECIAL PROJECT

Contact us for special CNT modules development

PACKS GYSFLASH CNT

	101.12 CNT	121.12 CNT	CNT-SPM	CNT-SPM	Barcode Scanner	Support Scanner	AZERTY	QWERTY	Trolley	Roller
pack GYSFLASH CNT 1 068117	026988	—	026919	028906	027718	025745	—	027770	028890	056633
pack GYSFLASH CNT 2 068124	026988	—	026919	028906	027718	025745	027725	—	028890	056633
pack GYSFLASH CNT 3 068131	—	026971	026919	028906	027718	025745	—	027770	028890	056633
pack GYSFLASH CNT 4 068148	—	026971	026919	028906	027718	025745	027725	—	028890	056633





CHARGERS

ARTIC

IP 65

WATER PROTECTION
ARTIC 1500, 4000 & 8000

CHARGERS ONLY



SSM

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

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

Einstellungsspeicherung. Automatisches Starten nach einem Netzausfall.

START STOP

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

Geeignet für START-STOP-Fahrzeuge.

Cold Charge

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

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

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



AUTOMATIC SMART HF INVERTER

REGULATED
IUoU
FAST CHARGE

ARTIC 800
12V 0.8A GO > 7V

SSM
029569
029682



ARTIC 1500
12V 1.5A GO > 7V

SSM
029576
029699



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



TCB

PATENTS REGISTERED NUMBERS
001652090-0001
EUROPEAN TRADEMARK & DESIGN



2 IN 1

CHARGE



TEST

INCLUDED

all ARTIC



12V • TRADITIONAL W

ENERGY 124
3A

SSM
023215
025141



ENERGY 126
4A

SSM
023222
025165



12V • AUTOMATIC WU

TCB 60
2/4A GO > 3.5V

SSM START STOP
023253
025189



TCB 90
2/5.5A GO > 3.5V

SSM START STOP
023260
025202



TCB 120
3.5/7A GO > 3.5V

SSM START STOP
023284
025240



Fuse X10
10A 054530
15A 054493

	50/60 Hz	Power	CHARGE			Reg	Polarity protection	Cold Charge	SSM	Full security	Start/Stop engine	Fuse	CHARGER + TESTER	CONTROL	Dimensions	Weight
			V	A	Eff. / RMS											
ARTIC 800	100-240V	15W	12V	0.8A	—	—	—	—	—	—	—	—	—	13 × 6,5 × 3,8 cm	430 g	
ARTIC 1500	220-240V	27W	12V	1.5A	—	—	—	—	—	—	—	—	—	15,2 × 7 × 4 cm	500 g	
ARTIC 4000	220-240V	75W	6V	4A	—	2	•	•	•	•	•	—	OK	—	19,3 × 8 × 5,2 cm	780 g
			12V	1A / 4A												
ARTIC 8000	220-240V	130W	12V	2/8A	—	2	•	•	•	•	•	—	OK	—	22 × 9,6 × 5,9 cm	1130 g
ENERGY 124	220-240V	70W	12V	3A	4.5A	—	—	•	—	—	10A	—	—	11,5 × 16 × 22 cm	1900 g	
ENERGY 126	220-240V	90W	12V	4A	6A	—	—	•	—	—	10A	—	—	11,5 × 16 × 22 cm	2000 g	
TCB 60 automatic	220-240V	85W	12V	2-4A	6A	2	•	—	•	—	—	10A	OK	OK	12 × 17 × 29 cm	2500 g
				2-5.5A												
				3.5-7A												
TCB 90 automatic	220-240V	120W	12V	2-5.5A	8A	2	•	—	•	—	15A	OK	OK	12 × 17 × 29 cm	3200 g	
TCB 120 automatic	220-240V	150W	12V	3.5-7A	10.5A	2	•	—	•	—	15A	OK	OK	12 × 17 × 29 cm	3200 g	

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	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	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah
Maintenance																																						
ARTIC 800													1.6 > 25 Ah												1.6 Ah >													
ARTIC 1500													3 Ah >												> 40 Ah													
ARTIC 4000													2 Ah >												> 70 Ah													
ARTIC 8000													4 Ah >												> 160 Ah													
ENERGY 124													10 > 45 Ah																									
ENERGY 126													15 > 60 Ah																									
TCB 60													10 Ah >												> 60 Ah													
TCB 90													15 > 90 Ah																									
TCB 120													20 > 120 Ah																									



CT

CHARGERS



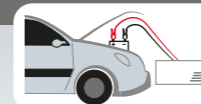
CT 160
9 A
SSM
024106
025325



CT 210
12 A
SSM
024113
025349

12/24 V • MANUAL W

CA



Protection for on-board electronics



CA 150
10 A
SSM
024434



CA 360
25 A
SSM
023185

12/24 V • AUTOMATIC W2

MULTICHARGE



6 charging speeds

MULTICHARGE CT 48
32 A
SSM
026087

12/24/36/48 V • MANUAL W

WATTMATIC



Protection for on-board electronics



WATTMATIC 100
5 A
SSM START STOP
024823
025417

WATTMATIC 140
9 A
SSM START STOP
025608
025622

WATTMATIC 170
10 A
SSM START STOP
025615
025639

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

50A CA 360 054622

	Input	Output	CHARGE				Eff. / RMS	Reg	Fuse	Dimensions	Weight
			Moyen / Average (EN 60335)			Reg 3					
			Reg 1	Reg 2	Reg 3						
CT 160	230V, 50/60 Hz	190W	12/24V	12V > 7A 24V > 3A	9A (boost) 5A (boost)	—	13,5A 7,5A	2	15A	20,5 x 30 x 13,5 cm	3,9 kg
CT 210	230V, 50/60 Hz	260W	12/24V	12V > 8A 24V > 4A	12A (boost) 6A (boost)	—	18A 9A	2	20A	22,5 x 33,5 x 14,5 cm	5,2 kg
MULTICHARGE CT 48	230V, 50/60 Hz	1200W	12/24/36/48V	12V > 20,8A 24V > 20,1A 36V > 19,6A 48V > 15,5A	32,4A 31,8A 30,4A (boost) 18,7A (24,3A boost)	—	31A 29A 29A 28A	6	40A	32,5 x 39,5 x 20,5 cm	15,5 kg
CA 150	230V, 50/60 Hz	500W	12/24V	8A	10A (boost)	—	18A	2	25A	33 x 26 x 14 cm	6 kg
CA 360	230V, 50/60 Hz	920W	12/24V	7A	15A (boost1)	25A (boost2)	37A	3	50A	44 x 31 x 23 cm	14 kg
WATTMATIC 100	230V, 50 Hz	170W	6/12V	3A	5A	—	11,4A	2	10A	24 x 26 x 13 cm	3,8 kg
WATTMATIC 140	230V, 50 Hz	230W	6/12V	5A	9A (boost)	—	16,5A	2	15A	36 x 22 x 14 cm	4,8 kg
WATTMATIC 170	230V, 50 Hz	280W	6/12V	6,5A	10A (boost)	—	18,8A	2	20A	36 x 22 x 14 cm	5 kg

RECOMMENDATION	6V			12V			24V			30V			36V			48V			+ Ah		
	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+	+	+	+	+	+	+		
CT 160																					
CT 210																					
MULTICHARGE CT 48																					
CA 150																					
CA 360																					
WATTMATIC 100																					
WATTMATIC 140																					
WATTMATIC 170																					



25

CT / CA / WATTMATIC CHARGERS



BATIUM



SELF START MEMORY



AUTO DETECT

BATTERY VOLTAGE DETECTION



ALL BATTERIES



Microprocessor Control



On-board electronics
Over voltage

Reverse polarity
No sparks



YouTube

PLAYLIST BATIUM

CHARGERS

AUTOMATIC, SMART & FAST



BATIUM 7.12
7 A GO > 2 V
SSM START STOP V AUTO DETECT

1.5 m - 1.5 mm² → 40 A

024496

024557



BATIUM 15.12
15 A GO > 0.5V
SSM START STOP V AUTO DETECT

1.5 m - 2.5 mm² → 40 A

024519

024632



6 / 12 V IWUoU



BATIUM 7.24
7 A GO > 2 V
SSM START STOP V AUTO DETECT

1.5 m - 1.5 mm² → 40 A

024502

024625



BATIUM 15.24
15 A GO > 0.5V
SSM START STOP V AUTO DETECT

1.5 m - 2.5 mm² → 40 A

024526

024588



6 / 12 / 24 V IWUoU

I REGULATED FAST CHARGE

TRACTION BATTERIES CHARGE

TEST



BATIUM 25.24 X
25 A GO > 0.5V
SSM START STOP V AUTO DETECT
SOS RECOVERY

2 m - 6 mm² → 60 A

024830

6 / 12 / 24 V



&



Specific charge
Traction batteries



Fuse x10

15A
BATIUM 7/12 & 7/24
054493

30A
BATIUM 15/12 & 15/24
054523

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
BATIUM 7/12	•	•				15 >										
BATIUM 7/24	•	•				15 >										
BATIUM 15/12	•	•				35 >										
BATIUM 15/24	•	•				35 >										
BATIUM 25/24 X	•	•				35 >										

MADE IN FRANCE

	50 / 60 Hz	⚡	🔋	Reg	Efficace / RMS	CHARGE				Fuse	📦	🏋️	SOS RECOVERY
						Moyen / Average (EN 60335)							
						Reg 1	Reg 2	Reg 3	boost				
BATIUM 7.12	230V	105W	6/12V	2	11A	3A	—	—	7A	15A	21×34×13 cm	4.6 kg	—
BATIUM 15.12	230V	225W	6/12V	3	22A	7A	10A	—	15A	30A	21×36×14 cm	5.6 kg	•
BATIUM 7.24	230V	210W	6/12/24V	2	11A	3A	—	—	7A	15A	21×34×13 cm	5.4 kg	—
BATIUM 15.24	230V	450W	6/12/24V	3	22A	7A	10A	—	15A	30A	21×36×14 cm	7.1 kg	•
BATIUM 25.24X	230V	1150W	6/12/24V	3	37A	7A	15A	25A	—	—	28×42×23 cm	13.4 kg	•





START / NEOSTART

CHARGERS & STARTERS

SSM SELF START MEMORY



12V • AUTOMATIC W2

STARTUP 80
17 A

SSM

024922
025127



12V

12/24V • TRADITIONAL

W

START 200
18 A

SSM

1.5 m - 6 mm² → 60 A
025530



START 300
23 A

SSM

2 m - 10 mm² → 220 A
025547



NEOSTART 320
9 / 40 A

SSM

2 m - 10 mm² → 220 A
025301



NEOSTART 420
40 A

SSM

1.8 m - 10 mm² → 500 A
025295
025479



NEOSTART 620
60 A

SSM

1.8 m - 16 mm² → 500 A
025288
025486



12/24V • AUTOMATIC W2

GYSTART 1224 T
70 A

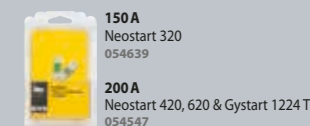
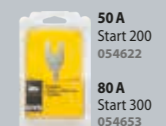
400 V TRI SSM

2.5 m - 35 mm² → 850 A
025394



- AUTOMATIC CHARGE
- FULL PROTECTION
 - On-board electronics
 - Over voltage
- POWER CONTROL included

Fuse x2



DESIGN GYS FRANCE

MADE IN GYS CHINA

MADE IN FRANCE 28

Model	Voltage	I ₁	CHARGE W	START kW	CHARGE							START		Dimensions	Weight			
					Reg	Efficace / RMS (EN 60335)	Moyen / Average (EN 60335)	Boost	Automatic	Manual	min - max	1V/C	0V/C			Fuse		
START UP 80	230V	13 A	12V	350	1	2	13,5-25 A	9 A	17 A	•	—	40 · 170 Ah	50 A	80 A	—	—	12 × 18 × 32 cm	4,4 kg
START 200	230V	13 A	12V	390	1,4	3	15-25 A	11 A	18 A	—	•	53 · 240 Ah	80 A	120 A	—	50 A	37 × 26 × 18 cm	8 kg
START 300	230V	13 A	12V	800	3,6	3	13-36 A	10 A	23 A	—	•	42 · 300 Ah	100 A	165 A	—	80 A	43 × 33 × 23 cm	13,8 kg
		13 A	24V	1 200	3,6			8 A	17 A									
NEOSTART 320	230V	13 A	12/24V	800	6,5	3	40 A	10 A	40 A	—	•	20 · 700 Ah	160 A	270 A	—	150 A	41 × 30 × 21 cm	14,7 kg
NEOSTART 420	230V	16 A	12/24V	1700	9	3	70 A	20 A	40 A	—	•	20 · 1000 Ah	300 A	420 A	—	200 A	47 × 32 × 27 cm	20,9 kg
NEOSTART 620	230V	16 A	12/24V	2000	10	3	90 A	30 A	60 A	—	•	20 · 1350 Ah	360 A	620 A	—	200 A	47 × 32 × 27 cm	24 kg
GYSTART 1224 T	400 V (TRI)	16 A	12/24V	2500	20	3	80 A	70 A	—	•	•	65 · 1350 Ah	780 A	1200 A	•	2x200 A	42,5 × 34,5 × 71 cm	54,5 kg

RECOMMENDATION



Model	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
START UP 80	•							35 > 50 Ah								
START 200	•							35 > 50 Ah	40 · 80 Ah							
START 300	•							35 > 50 Ah	50 · 100 Ah							
NEOSTART 320	•	•						50 · 80 Ah				80 · 120 Ah				
NEOSTART 420	•	•	•					Precharge (± 10 min)				50 · 120 Ah	120 · 160 Ah			
NEOSTART 620	•	•	•									60 · 180 Ah		180 · 200 Ah		
GYSTART 1224 T	•	•	•											60 · 250 Ah		



CHARGERS & STARTERS

3 in 1

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

TIMER

UNIVERSAL MODE AUTO SELECTION

SULFATED BATTERIES

ALL BATTERIES

GO >1V

FULL PROTECTION

- On-board electronics
- Over voltage
- No sparks



BSU Battery Support Unit

BATTERY EXPERT

CHARGER / STARTER / DIAG

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



12 / 24 V • AUTOMATIC IWUoU

STARTIUM 330E

25 A

1,9 m - 10 mm² → 500 A

026469

STARTIUM 480E

40 A

1,9 m - 16 mm² → 600 A

026483

025578

STARTIUM 680E

45 A

2,2 m - 25 mm² → 600 A

026490

025585

STARTIUM 980E

50 A

2,5 m - 35 mm² → 600 A

026506



Disconnectable

12 V • AUTOMATIC IWUoU + BSU • 12 / 24 V

DIAG STARTIUM 60-12

60 A

2,2 m - 25 mm² → 600 A

026513

DIAG STARTIUM 60-24

60 A

2,2 m - 25 mm² → 600 A

026520

025592

MADE IN FRANCE	I ₁	CHARGE kW	START kW	CHARGE				START			BSU	FUSE	CCA I (EN) START					
				min > max	Efficace / RMS	Moyen / Average (EN 60335)	Reg	Boost	Automatic	1V/C				0V/C	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 24V: 130 A	270 A 210 A	•	—	100 A	43 × 26 × 26 cm	16,3 kg	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 24V: 210 A	390 A 290 A	•	—	200 A	31 × 48 × 80 cm	28,6 kg	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 24V: 270 A	550 A 380 A	•	—	200 A	31 × 48 × 80 cm	31 kg	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 24V: 400 A	720 A 560 A	•	—	250 A	31 × 48 × 80 cm	36 kg	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	48 × 35 × 90 cm	36 kg	900 A
DIAG STARTIUM 60-24	230V	16 A	2	10	6V: 20 > 900 Ah	65 A	40 A	4	—	•	6V: —	—	•	•	200 A	48 × 35 × 90 cm	36 kg	900 A
					12V: 20 > 900 Ah	95 A	60 A				12V: 300 A	430 A						
					24V: 20 > 525 Ah	65 A	40 A				24V: 280 A	410 A						

RECOMMENDATION	FUSE ×2										CCA I (EN) START									
	100 A Startium 330E 054394	200 A Startium 480E, 680E, Diag. 60-12, 60-24 054547	250 A Startium 980E 055568	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	
STARTIUM 330E	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
STARTIUM 480E	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
STARTIUM 680E	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
STARTIUM 980E	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
DIAG STARTIUM 60-12	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
DIAG STARTIUM 60-24	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	



GYSPACK

BOOSTERS

Pb/Lead INSIDE

POWER SUPPLY
12V DC

COMPRESSOR



Air Kit included
4 bars



33

GYSPACK

BOOSTERS (Pb/Lead inside)

12 V 18 Ah INSIDE HOBBIES OCCASIONAL PRO INTENSIVE

GYSPACK 400
1 250 A **1V DC**
480 A



GYSPACK AIR
1 250 A **1V DC**
480 A



12 V 22 Ah INSIDE HOBBIES OCCASIONAL PRO INTENSIVE

GYSPACK 600
1 750 A **1V DC**
550 A



GYSPACK PRO
1 750 A **1V DC**
600 A



6 / 12 V 20 Ah + 20 Ah INSIDE HOBBIES OCCASIONAL PRO INTENSIVE

GYSPACK HERITAGE 6/12
6V 3 200 A **1V DC**
400 A
12V 1 600 A **1V DC**
450 A

1.8 m - 25 mm² → 600 A
025844



INCLUDED GYSPACK Heritage

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

CHARGER
Power in 110-240 V / out 12 V
50/60 Hz
054677
054660



CHARGER
Power in 110-240 V / out 12 V
50/60 Hz
054684
054691



Model	Inside	START 1V/C	Cranking CC	Peak Battery	Fuse	Power Supply	EXTERNAL Charge 230V	TEST OK	Dimensions (cm)	Weight (kg)	
											ON/OFF
GYSPACK 400	12V-18 Ah	12V	480 A	900 A	1250 A	—	—	—	26x10x29 cm	30x18x37 cm	6,5 kg
GYSPACK AIR	12V-18 Ah	12V	480 A	900 A	1250 A	•	•	—	33x17x37 cm	39x22x45 cm	18 kg
GYSPACK 600	12V-22 Ah	12V	550 A	1050 A	1750 A	—	—	—	26x10x29 cm	30x18x37 cm	6,5 kg
GYSPACK PRO	12V-22 Ah	12V	600 A	1100 A	1750 A	•	•	—	35x14x37 cm	39x17x45 cm	9 kg
GYSPACK HERITAGE 6/12	6V-2 x 20 Ah	6V-12V	400 A-450 A	800 A-850 A	3200 A-1600 A	•	•	1 x 300 A	—	—	18 kg

RECOMMENDATION	Capacity (Ah)															
	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 AUTO / 400	•															
GYSPACK AIR		•														
GYSPACK 600			•													
GYSPACK PRO																
GYSPACK HERITAGE																



GYSPACK

BOOSTERS

Pb/Lead INSIDE

POWER SUPPLY
12V DC



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

GYSPACK 660

1 900 A **1V DC**
640 A

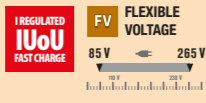
1.3 m - 25 mm² → 600 A

027862
027879



INCLUDED GYSPACK 660

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



025929

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

GYSPACK 750

2 500 A **1V DC**
750 A

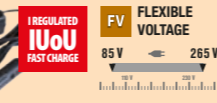
1.3 m - 25 mm² → 600 A

026179
026353



INCLUDED GYSPACK 750

CHARGER
Power in 110-240 V / out 12 V
50/60 Hz
054684



054691

Fuse **x2** **200 A** 054547 **300 A** 054561



Après chaque utilisation
After each use
Nach jeder Anwendung

DESIGN GYS FRANCE

MADE IN GYS CHINA

MADE IN FRANCE

Model	Inside	START			CHARGER INSIDE	EXTERNAL Charge 230V	Protection		Power out		Fuse	Fuse	Dimensions	Weight
		1V/C	Cranking CC	Peak Battery			ON/OFF	Memory	12V DC	12V DC				
GYSPACK 660	28 Ah	12V	640 A	1200 A	1900 A	12V/2 A DC	•	•	12V DC	1 × 200 A	35×19 ×40 cm	39×23 ×45 cm	13,5 kg	
GYSPACK 750	28 Ah	12V	750 A	1450 A	2500 A	12V/2 A DC	•	•	12V DC	2 × 200 A	35×19 ×40 cm	39×23 ×45 cm	13,5 kg	
GYSPACK 700	16 Ah	12V	640 A	1200 A	1800 A	—	•	•	12V DC	15 A	33 × 15 × 32 cm	35 × 24 × 36 cm	12 kg	
GYSPACK 900	30 Ah	12V	830 A	1700 A	3100 A	—	•	•	12V DC	15 A	33 × 15 × 32 cm	35 × 24 × 36 cm	16 kg	



35

GYSPACK

BOOSTERS (Pb/Lead inside)



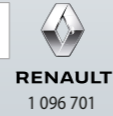
12 V **16 Ah** INSIDE HOBBIES OCCASIONAL PROFESSIONAL INTENSIVE

GYSPACK PRO 700

1 800 A **1V DC**
640 A

1.4 m - 25 mm² → 600 A

027077
027947



RENAULT
1 096 701

INCLUDED GYSPACK PRO 700 & 900

INTEGRATED CHARGER



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

GYSPACK PRO 900

3 100 A **1V DC**
830 A

1.8 m - 35 mm² → 600 A

027084
027954



RENAULT
1 096 701



OPTION
MEMORY AUTO SAVE
CABLE OBD 1,5 m
054202

Fuse 7,5 A

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 700	•															
GYSPACK 900	•															

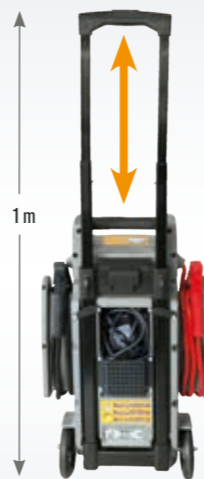


STARTPACK

BOOSTERS

Pb/Lead INSIDE

POWER SUPPLY
12V DC



PLAYLIST
STARTPACK



HIGH QUALITY BATTERIES

STARTPACK 12.24
STARTPACK 12.24 CI
STARTPACK PRO 12.24
STARTPACK PRO 12.24 CI

NEW
05/2021



NEW
05/2021



31x93x55 cm



37

STARTPACK

BOOSTERS (Pb/Lead inside)

12/24 V

22Ah + 22Ah INSIDE

OCCASIONAL HOBBIES PRO INTENSIVE

12V	3 200 A	1V DC 750 A
24V	1 600 A	1V DC 650 A



1.8 m - 25 mm² 600 A 025448
☎: 026339

12V	3 200 A	1V DC 750 A
24V	1 600 A	1V DC 650 A

1.8 m - 25 mm² 600 A 026025
☎: 028807

INCLUDED STARTPACK TRUCK & TRUCK MOBILE

CHARGER

⊕ Power in 110-240 V/out 12V
50/60 Hz
054684
☎: 054691



IRREGULATED
100V
FAST CHARGE

FV FLEXIBLE VOLTAGE
85V - 265V

OPTION

MEMORY AUTO SAVE
CABLE OBD 1,5 m
054202



Fuse 7,5A

12/24 V

16Ah + 16Ah INSIDE

OCCASIONAL HOBBIES PRO INTENSIVE

12V	3 600 A	1V DC 900 A
24V	1 800 A	1V DC 700 A

1.8 m - 35 mm² 600 A 026285
☎: 028814

12V	3 600 A	1V DC 900 A
24V	1 800 A	1V DC 700 A

1.8 m - 35 mm² 600 A 024991
☎: 068155

12/24 V

30Ah + 30Ah INSIDE

OCCASIONAL HOBBIES PRO INTENSIVE

12V	6 200 A	1V DC 1300 A
24V	3 100 A	1V DC 1200 A

2 m - 50 mm² 600 A 026346
☎: 028821

12V	6 200 A	1V DC 1300 A
24V	3 100 A	1V DC 1200 A

2 m - 50 mm² 600 A 028920
☎: 068162

INCLUDED STARTPACK 12.24 & PRO 12.24

INTEGRATED CHARGER

WUoU

Fuse x2 200 A 054547 300 A 054561



Après chaque utilisation
After each use
Nach jeder Anwendung

DESIGN GYS FRANCE

MADE IN	Model	Inside	START			CHARGER INSIDE	EXTERNAL Charge	Protection		Power out		Fuse	Fuse	Dimensions	Weight
			1V/C	Cranking CC	Peak Battery			ON/OFF	Memory	12V DC	24V DC				
GYS FRANCE	STARTPACK TRUCK	2x 22Ah	12V 750A	1450A	3200A	—	12V/2A DC	•	•	12V DC	—	1x300A	37x20x46 cm	39x22x50 cm	18 kg
	/ TRUCK MOBILE	2x 22Ah	24V 650A	1300A	1600A	—	12V/2A DC	•	•	12V DC	—	1x300A	37x20x57 cm	39x24x60 cm	21 kg
GYS FRANCE	STARTPACK 12.24	2x 16Ah	12V 900A	1700A	3600A	7A	—	•	•	—	20A	2x200A	26x20x48 cm	34x20x51 cm	22 kg
	STARTPACK 12.24 CI	2x 16Ah	24V 700A	1350A	1800A	—	—	•	•	—	—	1x300A	26x20x48 cm	34x20x51 cm	19 kg
GYS FRANCE	STARTPACK PRO 12.24	2x 30Ah	12V 1300A	2400A	6200A	7A	—	•	•	—	20A	2x200A	14x35x56 cm	63x39x30 cm	34 kg
	STARTPACK PRO 12.24 CI	2x 30Ah	24V 1200A	2250A	3100A	—	—	•	•	—	—	1x300A	14x35x56 cm	63x39x30 cm	34 kg

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
STARTPACK TRUCK	•	•														> 150 Ah
STARTPACK TRUCK MOBILE	•	•														> 150 Ah
STARTPACK 12.24	•	•														> 160 Ah
STARTPACK 12.24 CI	•	•														> 160 Ah
STARTPACK PRO 12.24	•	•														> 220 Ah
STARTPACK PRO 12.24 CI	•	•														> 220 Ah



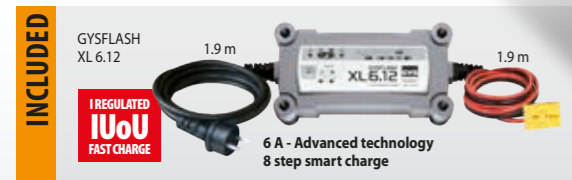
STARTPACK

BOOSTERS



SMART STARTER MANAGEMENT SYSTEM

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

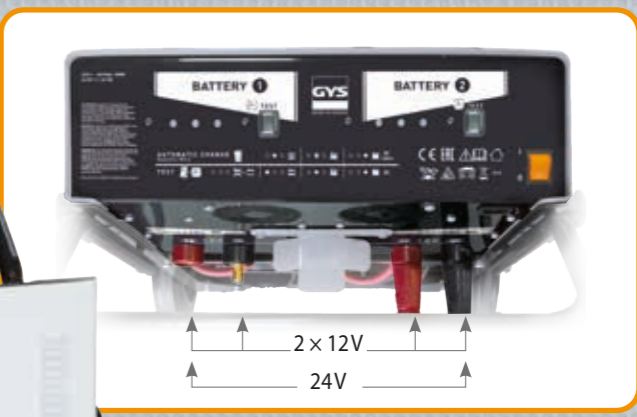


12/24 V 50Ah SPIRAL + 50Ah SPIRAL INSIDE HOBBIES OCCASIONAL PRO +++ INTENSIVE

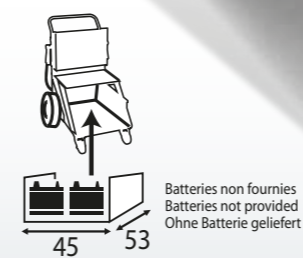
STARTPACK PRO 12.24 XL 12V 8 500 A 1V DC 1600 A 24V 4 250 A 1V DC 1400 A 2 m - 70 mm² 1000 A 026711



ENERGY STATION



- 1 AUTONOMOUS BOOSTER**
- 2 CHARGE external batteries**
 - Charger integrated 2x120-170Ah recommended
 - 2x15A 12V



Batteries non fournis Batteries not provided Ohne Batterie geliefert

12/24 V HOBBIES OCCASIONAL PRO INTENSIVE +++

ENERGY STATION 026148 INTEGRATED CHARGER WUoU



MADE IN FRANCE	Inside	START			TEST OK	CHARGER INSIDE	Protection			Power out			Fuse	Fuse	Weight
		1V/C	Cranking CC	Peak Battery			ON/OFF	Memory	Fuse	Memory	Fuse	Weight			
STARTPACK 12.24 XL PRO	2x 50 Ah	12 V	1 600 A	3 000 A	•	6 A outside	• automatic	•	—	300 A	2 m ø 70 mm²	—	106 x 32 x 35 cm	112 x 35 x 43 cm	68 kg
		24 V	1 400 A	2 600 A											
ENERGY STATION	—	selon batteries/according to battery /je nach Batterie			•	—	CHARGE			Efficace / RMS	2,5 m ø 50 mm²	2 x 30 A	70 x 62 x 92 cm	80 x 53 x 28 cm	37 kg + batteries
		12V	24V	min > max			Moyen / Average (EN 60335)	2 x 15 A	2 x 22 A						

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
STARTPACK PRO 12.24 XL	•	•														> 250 Ah
ENERGY STATION	-	-	-													> 225 Ah

SELECT THE RIGHT BOOSTER

CHOISISSEZ VOTRE BOOSTER • WÄHLEN SIE IHREN BOOSTER AUS

6/12V		12 V								12-24 V				
GYSPACK HERITAGE		GYSPACK 400	GYSPACK AIR	GYSPACK 600	GYSPACK PRO	GYSPACK 660	GYSPACK 700	GYSPACK 750	GYSPACK 900	STARTPACK TRUCK/ TRUCK MOBILE	STARTPACK 12.24 / CI	STARTPACK PRO 12.24 / CI	STARTPACK PRO 12.24 XL	ENERGY STATION
025844		025455	026322	027336	026155	027862	026254	026179	026278	025448 / 026025	026285 / 024991	026346 / 028920	026711	026148
		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
START	1V/C	400 (6 V)	480 A	480 A	550 A	600 A	640 A	640 A	750 A	830 A	750 (12 V)	900 A (12 V)	1300 A (12 V)	1600 A (12 V)
	CC	800 (6 V)	900 A	900 A	1050 A	1100 A	1200 A	1200 A	1450 A	1700 A	1450 A (12 V)	1700 A (12 V)	2400 A (12 V)	3000 A (12 V)
	PEAK	3200 (6 V)	1250 A	1250 A	1750 A	1750 A	1900 A	1800 A	2500 A	3100 A	1300 A (24 V)	1350 A (24 V)	2250 A (24 V)	2600 A (24 V)
	PEAK	1600 (12 V)	1250 A	1250 A	1750 A	1750 A	1900 A	1800 A	2500 A	3100 A	3200 A (12 V)	3600 A (12 V)	6200 A (12 V)	8500 A (12 V)
	PEAK	1600 (12 V)	1250 A	1250 A	1750 A	1750 A	1900 A	1800 A	2500 A	3100 A	1600 A (24 V)	1800 A (24 V)	3100 A (24 V)	4250 A (24 V)
	2 x 20 Ah	18 Ah	18 Ah	22 Ah	22 Ah	28 Ah	16 Ah EnerSys	28 Ah EnerSys	30 Ah EnerSys	2 x 22 Ah	2 x 16 Ah EnerSys	2 x 30 Ah EnerSys	2 x 50 Ah EXIDE TECHNOLOGIES	
	SPIRAL TECHNOLOGY													
	ON/OFF												automatic	
	TEST/OK													
	outside 2 A	outside 0,5 A	outside 0,5 A	outside 0,5 A	outside 0,5 A	outside 2 A	inside 2,5 A	outside 2 A	inside 2,5 A	outside 2 A	inside 7 A	inside 7 A	outside 6 A	inside 2x15A
	Floating	W2	W2	W2	W2	Floating	Floating	Floating	Floating	Floating	Floating	Floating	Floating	Floating
	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 ²	0,6 m ø16 mm ²	1,1 m ø25 mm ²	0,6 m ø16 mm ²	1,1 m ø25 mm ²	1,3 m ø25 mm ²	1,4 m ø25 mm ²	1,3 m ø25 mm ²	1,8 m ø35 mm ²	1,8 m ø25 mm ²	1,8 m ø35 mm ²	2 m ø50 mm ²	2 m ø70 mm ²	2,5 m ø50 mm ²
	37x20x46	26x10x29	33x17x37	26x10x29	35x14x37	35x19x40	33x15x32	35x19x40	33x15x32	37x20x46/37x20x57	34x18x46	63x39x30	112x35x43	70x62x92
	18 kg	6,5 kg	8,5 kg	6,5 kg	9 kg	13,5 kg	12 kg	13,5 kg	16 kg	18/21 kg	22 kg	34 kg	68 kg	37 kg +

CAUTION ON STAND BY
Keep your GYSPACK connected to the mains supply.

ACHTUNG WENN NICHT IN GEBRAUCH
Ladegerät dauernd angeschlossen lassen.

ATTENTION CUANDO ESTA APAGADO
Dejar el cargador conectado permanentemente.

OPGELET BUITEN GEBRUIK
Laat de lader onafgebroken aangesloten.

Après chaque utilisation
After each use
Nach jeder Anwendung

ATTENTION HORS UTILISATION
Laisser le chargeur branché en permanence.



NATO / OTAN : PRODUITS COMPATIBLES

- Compatible Products - Kompatible Produkte



	p.16-19				p.31	p.38
	GYFLASH 30.12, 50.12 FV 100.12, 101.12 CNT 30.24, 50.24 102.12, 32-12PL	GYFLASH 101.24 CNT FV 121.12 CNT FV	GYFLASH 123.12 CNT FV 103.24 CNT FV 53.48 CNT FV	GYFLASH 15.24 XTREM	STARTIUM 980E	STARTPACK PRO 12.24 XL
	NATO CONNECTOR 026780					
	Anderson/NATO 5 m - 16 mm ² 026810	✓	—	—	—	—
	Texas/NATO 5 m - 25 mm ² 025707	—	✓	✓	—	—
	Texas/NATO 3.5 m - 50 mm ² 025653	—	—	—	✓	—
	2pts/NATO 5 m - 4 mm ² 025837	—	—	—	✓	—
	Anderson/NATO 2 m - 25 mm ² 026803	—	—	—	—	✓
	2pts/NATO Spiral 5 m 028968	—	—	—	—	—



BATTERIES DE TRACTION : PRODUITS COMPATIBLES

Compatible Products - Kompatible Produkte

- GYSFLASH -

1. Status analysis
2. Recovery
3. Sulphation test
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Test Absorption
8. Brewing
9. Floating 100%

BATIUM 25/24 X
p. 27

GYFLASH 30.24, 50.24 & 101.24
p. 17

GYFLASH 103.24 & 53.48
p. 18

	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	75 Ah	90 Ah	120 Ah	125 Ah	130 Ah	140 Ah	155 Ah	165 Ah	180 Ah	25 A
	GYFLASH 30.24	130 Ah	140 Ah	170 Ah	190 Ah	210 Ah	230 Ah	250 Ah	270 Ah	300 Ah	30 A
	GYFLASH 50.24	210 Ah	230 Ah	280 Ah	315 Ah	350 Ah	380 Ah	415 Ah	450 Ah	500 Ah	50 A
	GYFLASH 101.24	420 Ah	460 Ah	560 Ah	630 Ah	700 Ah	760 Ah	830 Ah	900 Ah	1000 Ah	100 A
	GYFLASH 103.24	420 Ah	460 Ah	560 Ah	630 Ah	700 Ah	760 Ah	830 Ah	900 Ah	1000 Ah	100 A
48 V	GYFLASH 53.48	210 Ah	230 Ah	280 Ah	315 Ah	350 Ah	380 Ah	415 Ah	450 Ah	500 Ah	50 A

YouTube

Cables Anderson 175A/Texas

5 m - 25 mm² 025721

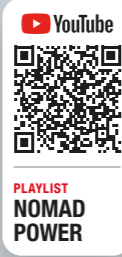
Cables REMA/Texas

5 m - 25 mm² 025714

BOOSTERS

LITHIUM INSIDE

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



- START ENGINE
 - POWER BANK
 - LIGHT
- LIGHT / S.O.S / SPOT

COMPRESSOR



NOMAD POWER 30 COMPRESSOR
500 A 027503



NOMAD POWER 10
200 A 026384



NOMAD POWER 300
350 A NEW 025875



NOMAD POWER 15
300 A 026377



NOMAD POWER VAC 350
350 A NEW 028937



NOMAD POWER 400
500 A NEW 025882



NOMAD POWER 500
550 A NEW 027145
0,4 m - 8,3 mm² AWG8



NOMAD POWER PRO 700
600 A 027510
0,26 m - 8,3 mm² AWG8

12V



NOMAD POWER PRO TRUCK
600 A 027527
0,55 m - 13,3 mm² AWG6



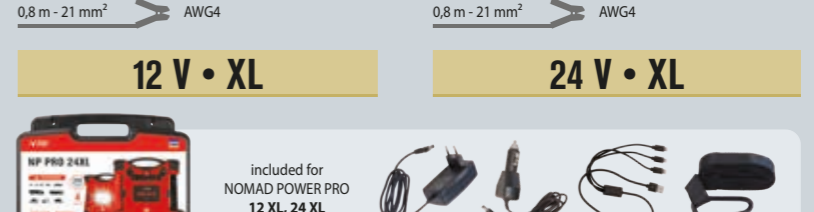
NOMAD POWER PRO 12 XL
1000 A NEW 025912
0,8 m - 21 mm² AWG4

NOMAD POWER PRO 24 XL
1400 A NEW 025905
0,8 m - 21 mm² AWG4

12 / 24 V

12 V • XL

24 V • XL



	LITHIUM		I			J (3s)	START PETROL & DIESEL	START	MULTI SECURITIES	INPUT	MICRO USB	OUTPUT	POWER BANK		cm	kg	
	CAPACITY/CELL	FULL CHARGE	Start	Cranking CC	Peak Battery								PHONE	OBDD			
NP 10	3,7 Ah - 44,4 Wh	5h	200 A	400 A	600 A	4500 J	12V	—	12V - 1 A	•	12V/1 A	5V/1 A (Type B)	•	1	—	17 × 8,2 × 3,2	0.408
NP 15	4 Ah - 55,5 Wh	5h	300 A	600 A	800 A	7000 J	12V	—	12V - 1 A	•	14V/1 A	—	•	2	•	16,5 × 8 × 3,8	0.476
NP 300	2,5 Ah - 37 Wh	5h	350 A	700 A	900 A	8000 J	12V	—	12V 5V-2,1 A	•	5V/2 A	—	•	2	—	14,6 × 7,8 × 3,1	0.365
NP VAC 350	2,5 Ah - 37 Wh	5h	400 A	800 A	1000 A	9000 J	12V	—	5V-2 A	•	5V/2 A	5V/2 A (Type C)	•	2	—	27,2 × 6,5 × 3,1	0.48
NP 400	3 Ah - 45 Wh	5h	500 A	1000 A	1200 A	11000 J	12V	—	12V 5V-2,1 A	•	5V/2 A	—	•	2	—	17,5 × 8,4 × 3,1	0.498
NP 500	5,25 Ah - 77,7 Wh	6h	550 A	1300 A	1500 A	12000 J	12V	—	12V 5V-2 A	•	5V/2 A 9V/2 A	—	•	2	—	22,5 × 9,1 × 3,4	0.610
NP 30 COMPRESSOR	6 Ah - 88,8 Wh	7h	500 A	1000 A	1300 A	11000 J	12V	58 PSI / 4 Bar	12V - 1 A	•	15 V/1 A 12V/10 A	—	•	1	•	26,5 × 16 × 6	1.7
NP PRO 700	6 Ah - 92,5 Wh	9h	600 A	1500 A	2000 A	14000 J	12V	—	—	•	9 V/2 A 12V/1,5 A	5V/2 A (Type C)	•	2	—	22,8 × 10 × 3,8	0.82
NP PRO TRUCK	5,3 Ah - 137 Wh	10h	600 A	1500 A	2000 A	12V: 14000 J 24V: 35000 J	12V/24V	—	—	•	9 V/2 A 12V/1,5 A	5V/2 A (Type B)	•	2	•	24,8 × 24,8 × 9,6	2.4
NP PRO 12XL	8 Ah - 118,4 Wh	10h	1000 A	1800 A	3000 A	22000 J	12V	—	12V/15 A 4 A	—	18V/2 A	—	•	2	•	27,4 × 27,8 × 11	5.6
NP PRO 24XL	8 Ah - 236,8 Wh	10h	1400 A	2400 A	3000 A	60000 J	24V	—	12V/15 A 4 A	—	18V/2 A	—	•	2	•	27,4 × 27,8 × 11	5.6

Recommendation	Motorcycle	Car	Van	Truck	Bus	Tractor	Excavator	Trailer
NP 10								
NP 15								
NP 300								
NP 300								
NP VAC 350								
NP 400								
NP 500								
NP 30 COMPRESSOR								
NP 700								
NP PRO TRUCK								
NP PRO 12XL								
NP PRO 24XL								

OPTION

MEMORY AUTO SAVE CABLE OBD 1,5 m
for NP 15,20,30,PRO 700
027534





BOOSTERS

SUPER CAPACITORS INSIDE

SANS BATTERIE - BATTERYLESS
- OHNE BATTERIE

NEW TECHNOLOGY - FULL ELECTRONIC CONTROL



- ✓ NO BATTERY INSIDE
- ✓ NO MAINTENANCE
- ✓ ALWAYS READY
- ✓ BOOSTER SANS BATTERIE INTERNE
- ✓ AUCUNE MAINTENANCE
- ✓ TOUJOURS PRÊT
- ✓ KEINE INTERNE BATTERIE
- ✓ KEINE WARTUNG
- ✓ IMMER BEREIT

EASY TO USE

2 minutes!



-40/+65°C

STARTRONIC 800

800 A 12V **GO > 5 V**

026735



5x **800 F** INSIDE

INCLUDED

CIGARETTE LIGHTER for Easy charge
STARTRONIC 800 & HYBRID 950
027404



Digital control



STARTRONIC HYBRID 950

SUPERCAPACITORS + LITHIUM

950 A 12V **GO > 1 V**

026117



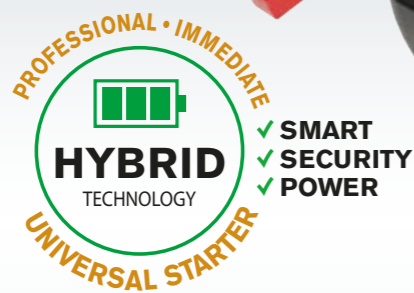
5x **950 F** + Lithium INSIDE

INCLUDED STARTRONIC HYBRID 950

Lithium battery



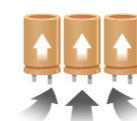
027411



SUPERCAPACITORS



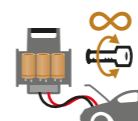
1 MILLION CYCLES



ULTRA FAST CHARGE



NO CHARGE STORAGE



UNLIMITED STARTS

SMART STARTER



FULL PROTECTION

-40/+65°C



NEW
05 2021



12V

5x **3000 F** INSIDE

GYSCAP 680E

1600 A 12V **GO > 1 V**

026773

1.7 m - 25 mm²
Cables 100% Cu



Homologations / Approvals / Zulassungen :
PSA17.1716

INCLUDED CIGARETTE LIGHTER for Easy charge
1.5 m



24V

10x **3000 F** INSIDE

GYSCAP 24V

2500 A 24V **GO > 2 V**

028944

2.5 m - 35 mm²
Cables 100% Cu

MADE IN CHINA

MADE IN FRANCE

	START	1V / C	Number of Capacitors	Integrated Inverter	INPUT CHARGE				Charging time		Internal lithium battery	cm	kg	
					12V		12V / 10A		5V / 2A					MICRO USB Type B
					OFF	ON	OFF	ON	OFF	ON				
STARTRONIC 800	800 A	12V	5x800 F	•	4 min	60 s	4 min	4 min	5V/2 A	40 min	-	26,7x19,5x5	1,86	
STARTRONIC HYBRID 950	950 A	12V	5x950 F	•	4 min	60 s	4 min	4 min	5V/2 A	40 min	30 min	25x18,5x6	1,86	
GYSCAP 680E	1600 A	12V	5x3000 F	•	15 min	2 min	15 min	15 min	-	-	-	35x44x19	8,2	
GYSCAP 24V	2500 A	24V	10x3000 F	•	15 min	2 min	30 min	30 min	-	-	-	32x47x21,5	15	



Recommendation

STARTRONIC 800

STARTRONIC HYBRID 950

GYSCAP 680 E

GYSCAP 24V



TESTERS



x4 Languages Sprachen



Download on the App Store GET IT ON Google Play

x6 Languages Sprachen

Bluetooth



Download on the App Store GET IT ON Google Play

HIGH TECH BT MOBILITY TRACK DATA by E-devices



TRADITIONAL

TBP 100
12 V 20 > 100 Ah
055131

TBP 500
12 V 10 > 160 Ah
055148



ELECTRONIC & CONNECTED

Wireless battery monitor Indicateur de charge sans fil
12/24 V 7 > 240 Ah
ALTERNATOR 12/24 V 024212

BTW 300 DHC
6/12 V 7 > 240 Ah
START STOP ALTERNATOR 12/24 V 056664



LED

BT 001
12 V 7 > 230 Ah
056640



NUMERIC

NBT 100
12 V 20 > 150 Ah
024151



NBT 200
12 V 20 > 150 Ah
ALTERNATOR 12 V 024168



DBT 300
12 V 4 > 150 Ah
ALTERNATOR 12 V 024175



DBT 350
12 V 7 > 240 Ah
START STOP ALTERNATOR 12/24 V 025868



DBT 400
6/12 V 7 > 240 Ah
START STOP ALTERNATOR 12/24 V 024182

DIGITAL

	BATTERY	TEST				PRINT PAPER	DIGITAL	RESULT	TEMPERATURE COMPENSATION	cm	kg		
		BATTERY A	BATTERY V	CHARGE & START SYSTEM VEHICLE									
MADE IN CHINA	TBP 100	6-12V	20 > 100 Ah	•	•	—	—	5/10s	15 min	—	16x1.8x30	1.5	
	TBP 500	12V	10 > 160 Ah	•	•	—	—	15s	15 min	—	27x26x13	3.75	
MADE IN TAIWAN	BTW 300 DHC	6-12V	7 > 240 Ah	•	min 1.5V	12/24V	—	1s	instant	•	10x3x7	0.33	
	BATTERY MONITOR	12-24V	7 > 240 Ah	—	min 7V	12/24V	—	1s	instant	—	6.5x5 x1.5	0.1	
MADE IN CHINA	BT 001	12V	7 > 230 Ah	—	•	12V	—	LED	1s	instant	—	3x12x1.5	0.29
	NBT 100	12V	20 > 150 Ah	•	min 7V	—	—	•	1s	instant	—	7x1.5x12	0.25
	NBT 200	12V	20 > 150 Ah	•	min 7V	12V	—	•	1s	instant	—	7x1.5x12	0.25
MADE IN TAIWAN	DBT 300	12V	4 > 150 Ah	•	min 4,5 V	12V	—	—	1s	instant	—	12x7.9x22.7	0.25
	DBT 350	12V	7 > 240 Ah	•	min 8 V	12/24V	—	—	1s	instant	—	9.6x3x13.8	0.8
	DBT 400	6-12V	7 > 240 Ah	•	min 1,5 V	12/24V	—	•	1s	instant	—	11.5x5x19	0.8

i Recommendation	TEST				LIQUID	START /STOP ENGINE	EFB	AGM VRLA/GEL	CURRENT CCA SAE
	batteries/Battery/Ladegeräte	Circuit alterateur/ Alternator Circuit/Lichtmaschinenchaltkreis							
TBP 100	6V 12V	12V	•	—	—	—	—	20 > 100 Ah	—
TBP 500	12V	12V	•	—	—	—	—	10 > 160 Ah	—
BTW 300 DHC	6V 12V	12V 24V	•	•	•	•	•	7 > 240 Ah	40 > 2000 A
BATTERY MONITOR	12V 24V	12V 24V	•	•	•	•	•	7 > 240 Ah	—
BT 001	12V	12V	•	•	•	•	•	7 > 230 Ah	—
NBT 100	12V	—	•	—	—	—	—	20 > 150 Ah	200 > 1200 A
NBT 200	12V	—	•	—	—	—	—	20 > 150 Ah	200 > 1200 A
DBT 300	12V	12V	•	—	•	•	•	4 > 150 Ah	40 > 1200 A
DBT 350	12V	12V 24V	•	•	•	•	•	7 > 240 Ah	40 > 2000 A
DBT 400	6V 12V	12V 24V	•	•	•	•	•	7 > 240 Ah	40 > 2000 A



PBT

TESTERS

+ PRINTER



YouTube

PLAYLIST
BATTERY TESTERS

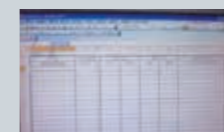
×10
Languages
Sprachen

×5
Languages
Sprachen

×8
Languages
Sprachen



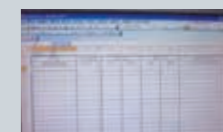
×9
Languages
Sprachen



GESTION LOGICIELLE DE LA BATTERIE
BATTERY-MANAGEMENT SOFTWARE
SOFTWARE BATTERIE MANAGEMENT



×10
Languages
Sprachen



GESTION LOGICIELLE DE LA BATTERIE
BATTERY-MANAGEMENT SOFTWARE
SOFTWARE BATTERIE MANAGEMENT



Homologations
Approvals
Zulassungen

PRINTER • 12 V

PRINTER • 6/12 V

PRINTER • 6/12/24 V (2x12)

PBT 550

12 V 30 > 220 Ah

START STOP ALTERNATOR 12 V

024199



×2 (included)
056633

PBT 600

12 V 30 > 220 Ah

START STOP ALTERNATOR 12/24 V

024205



×2 (included)
056633

PBT 700

12 V 7 > 240 Ah

START STOP ALTERNATOR 12/24 V

024229



Standard
57 mm (W)

×1 (included)
056237

BT2010 START-STOP DHC

6/12 V 7 > 240 Ah

START STOP ALTERNATOR 12/24 V

055339



Standard
57 mm (W)

×1 (included)
056237

PBT 824

6/12/24(2X12)V 7 > 240 Ah

START STOP ALTERNATOR 12/24 V

025738



Standard
57 mm (W)

×1 (included)
056237

	056220	056237	056633
⊗	x2	x1	x2
⊗	37 mm	57 mm	57 mm
⊗	7.5 m	28 m	7.5 m
⊗	25 mm	50 mm	25 mm
⊗	BT 301 BT 501	RT 777 PBT 700 PBT 824 BT 2010	PBT 550 PBT 600 PBT 700 PBT 824 BT 2010 SPM

Languages - Sprachen

	GB	FR	DE	IT	ES	PT	CZ	NL	PL	RU	TR
DBT 300											
DBT 350											
DBT 400											
PBT 550											
PBT 600											
PBT 700											
BT 2010											
PBT 824											
BTW 300DHC											

		TEST		PRINT PAPER	DIGITAL	RESULT	TEMPERATURE COMPENSATION	cm	kg				
		A	V										
MADE IN CHINA	PBT 550	12V	30 > 220 Ah	min 6V	12V	•	rétro-éclairé /back-lit	1s	instant	•	—	55x25	0.55
	PBT 600	12V	30 > 220 Ah	min 8V	12/24V	•	rétro-éclairé /back-lit	1s	instant	•	—	55x25	1.1
	PBT 700	12V	7 > 240 Ah	min 8V	12/24V	•	rétro-éclairé /back-lit	1s	instant	•	—	23.5x10.2x6.8	0.7
MADE IN TAIWAN	BT 2010 DHC	6-12V	7 > 240 Ah	min 1.5V	12/24V	•	rétro-éclairé /back-lit	1s	instant	•	6x1.5V LR6-AA	13x6.4x25.1	0.7
	PBT 824	6-12-24 (2x12)V	7 > 240 Ah	min 1.5V	12/24V	•	rétro-éclairé /back-lit 4 colors	1s	instant	•	6x1.5V LR6-AA	25x4.5x13	0.7

i Recommendation	batteries/Battery/Ladegeräte	Circuit alterateur/Alternator Circuit/Lichtmaschinen Schaltkreis	PRINT PAPER	TEST					CURRENT CCA SAE		
				LIQUID	START/STOP ENGINE	EFB	AGM VRLA/GEL				
PBT 550	12V		12V	•	•	•	•	•	•	30 > 220 Ah	100 > 2000 A
PBT 600	12V		12V 24V	•	•	•	•	•	•	30 > 220 Ah	100 > 2000 A
PBT 700	12V		12V 24V	•	•	•	•	•	•	7 > 240 Ah	40 > 2000 A
BT 2010 DHC	6V 12V		12V 24V	•	•	•	•	•	•	7 > 240 Ah	40 > 3000 A
PBT 824	6V 12V 24V (2X12)		12V 24V	•	•	•	•	•	•	7 > 240 Ah	40 > 2000 A



POWER INVERTER

12 V • 24 V > 230 V

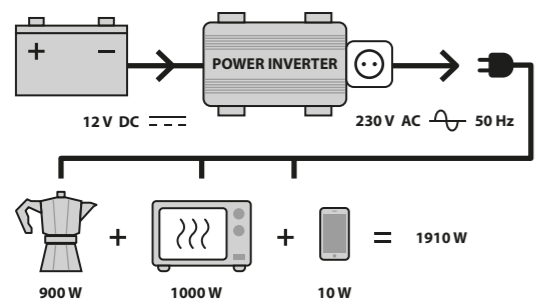
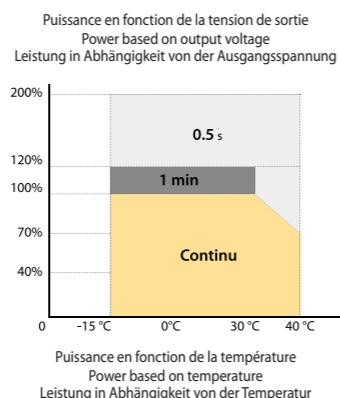
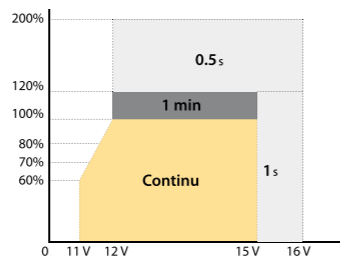
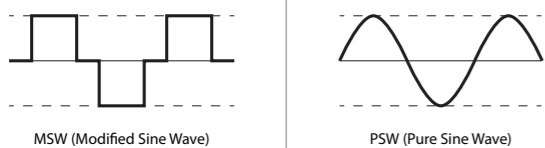


PSW Remote Control

PSW REMOTE CONTROL



MSW / PSW TECHNOLOGY



- Tension faible / Surtension / Surcharge / Surchauffe / Court-circuit
- Low volt / Over volt / Over load / Overheating / Output short-circuit
- Unterspannung / Überspannung / Überlastung / Überhitzung / Kurzschluss am Ausgang

CONVERGYS 150

027022
027039



CONVERGYS 300

027053
027046



12 V CONVERGYS

MADE IN CHINA	Power	Peak power	Pure Sin Wave	Optimum Efficiency	Input DC	Output AC	Output USB (2.1) DC	max 150W		mm ²	Universal				
CONVERGYS 150	150W	300W	—	90,5%	12V	230V	5V · 2A	•	—	1.5 mm ²	•	—	6 × 10 × 5 cm	0,5 kg	
CONVERGYS 300	300W	600W	—	85%	12V	230V	5V · 2A	•	•	2.5 mm ²	•	—	10 × 15 × 6 cm	0,95 kg	
PSW 600W-12	600W	1200W	•	85%	12V	230V	5V · 2A	—	cables	6 mm ²	•	•	23 × 31 × 15 cm	2,2 kg	
PSW 1000W-12	1000W	2000W	•	85%	12V	230V	5V · 2A	—	cables	10 mm ²	•	•	23 × 39 × 15 cm	3,4 kg	
PSW 1500W RC-12	1500W	3000W	•	85%	12V	230V	5V · 2A	—	cables	16 mm ²	•	•	23 × 39 × 15 cm	3,6 kg	
PSW 1500W-24	1500W	3000W	•	85%	24V	230V	5V · 2A	—	cables	8 mm ²	•	•	23 × 39 × 15 cm	3,6 kg	
MSW 82000	2000W	4000W	—	80%	24V	230V	5V · 2A	—	cables	12 mm ²	•	•	35 × 20 × 9,8 cm	5,8 kg	
PSW 601W RC-12	600W	1200W	•	90%	12V	230V	5V · 2A	—	cables	6 mm ²	•	•	5 m	N/A	2,2 kg
PSW 1002W RC-12	1000W	2000W	•	90%	12V	230V	5V · 2A	—	cables	10 mm ²	•	•	5 m	N/A	3,4 kg
PSW 1502W RC-12	1500W	3000W	•	90%	12V	230V	5V · 2A	—	cables	16 mm ²	•	•	5 m	N/A	3,6 kg
PSW 2002W RC-12	2000W	4000W	—	90%	12V	230V	5V · 2A	—	cables	32 mm ²	•	•	5 m	N/A	5,8 kg
PSW 2002W RC-24	2000W	4000W	—	90%	24V	230V	5V · 2A	—	cables	12 mm ²	•	•	5 m	N/A	3,4 kg



12 V PSW PURE SINE WAVE

PSW 600W-12

027275
027343

PSW 601W RC-12

067332
067349

PSW 1000W-12

027282
027350

PSW 1002W RC-12

067356
067363



12 V PSW PURE SINE WAVE

PSW 1500W RC-12

027701
027732

PSW 1502W RC-12

067370
067387

PSW 2002W RC-12

067394
067400



24 V MSW MODIFIED SINE WAVE

24 V PSW PURE SINE WAVE

MSW 82000

027237
027244

PSW 1500W-24

027305
027374

PSW 2002W RC-24

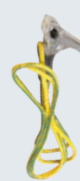
067417
067424



48 cm



48 cm



1 m

NEW 02 2021

NEW 02 2021

NEW 05 2021

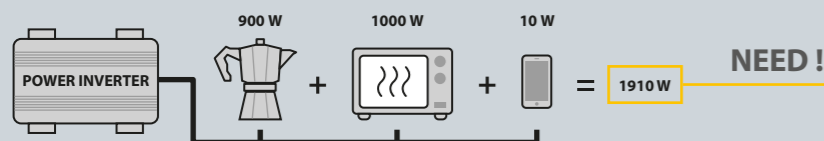
NEW 02 2021

NEW 02 2021



SELECT THE RIGHT POWER INVERTER

- CHOISISSEZ VOTRE CONVERTISSEUR
- WÄHLEN SIE IHREN WECHSELRICHTER



CONVERGYS 150	CONVERGYS 300	PSW 600W-12 601W RC-12	PSW 1000W-12 1002W RC-12	PSW 1500W-12 1502W RC-12	PSW 2002W RC-12	PSW 1500W RC-24	PSW 2002W RC-24	MSW 82000
12 V					24 V			
					70 Ah 200 Ah			

ÉLECTROMÉNAGER - HOME APPLIANCE						
Micro-Ondes - Microwave - Mikrowelle				700 - 1000 W	30 - 50 min	1 h 30 - 2 h
Grille Pain - Toaster				800 - 1500 W	20 - 40 min	1 h - 2 h
Refrigérateur - Fridge - Kühlschrank (40 L)				45 W	12 h	35 h
Bouilloire - Kettle - Wasserkocher				700 - 2500 W	15 - 45 min	35 min - 2 h
Cafetière espresso - Espresso coffee maker - Espresso-Maschine				1000 - 1600 W	20 - 30 min	1 h - 1 h 30
Cafetière filtre - Drip coffee maker - Filterkaffee-Maschine				800 - 1200 W	25 - 40 min	1 h 30 - 2 h

ÉLECTRONIQUE - ELECTRONIC						
Téléphone - Mobile phone - Telefon				5 - 10 W	55 - 110 h	155 - 310 h
Ordinateur portable - Laptop				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
Console de jeux vidéo - Video game console - Konsole für Videospiele				39 - 100 W	5 - 13 h	16 - 39 h
Appareil photo - Camera - Fotoapparat				4 - 19 W	25 - 135 h	78 - 390 h

CONFORT - COMFORT						
Eclairage - Light - Beleuchtung				100 W	5 h 30	16 h
Chauffage électrique - Electrical heater - Elektrische Heizung				1800 - 2500 W	12 - 20 min	35 - 45 min
Ventilateur - Fan - Lüfter				50 W	11 h	31 h
Sèche cheveux - Hairdryer - Fön				1000 - 2000 W	15 - 30 min	45 min - 1 h 30

NAUTISME - SAILING						
Feux de navigation - Navigation lights - Navigationslichter				24 W	30 h	80 h
Radar				24 W	30 h	80 h
Pilote automatique - Autopilot mode				60 W	9 h	30 h
GPS - GPS/Sat nav.				6 W	110 h	310 h



POWER PACK

12 V > 230 V

NEW
05 2021



POWER PACK 520
518 Wh **20 Ah**
027961



Power Pack 520 charging cables

AC OUTPUT - UNIVERSAL SOCKET

230 V / 50 Hz / 500 W

DC OUTPUT

11.5 ~ 12.5 V / 12A

USB OUTPUT

- Type C in(out): 5V/3A; 9V/3A; 12V/3A; 15V/3A; 20V/2.25A
- QuickCharge: 3.0 5V/3A; 9V/2A; 12V/1.5A
- Dual: 5V/3.1A (Single: 2.4A Max)



POWER PACK 520	LITHIUM		INPUT	MICRO USB	OUTPUT	POWER SUPPLY	LIGHT	MODES	cm	kg			
	CAPACITY/CELL	FULL CHARGE											
	518 Wh	8 h	24V 2.5 A	24V 2.5 A	Type C	5V/3 A; 9V/2 A; 12V/1.5 A 12V/12 A; 5V/3.1 A 230 V/50 Hz/500 W (AC)	500 W = 0.8h 100 W = 4h 50 W = 8h	•	4	1 × LED	LIGHT / S.O.S. / SPOT	264 × 234 × 163	5.14

JUMPER CABLES

320 A > 1000 A

056374										
056381										
056206										
564015										
056404										
056190										
056602										
056312										
056329										
056336										
027695										
056343										
056558										
056541										
056619										

INSULATED CLAMPS & LED

PINCES ISOLÉES - INSULATED CLAMPS - ISOLIERTE KLEMMEN
 • Pinzas aisladas • Garras isoladas • Geisoleerde klemmen
 • Μονωμένοι ακροδέκτες
 • Изолированные зажимы • 绝缘充电夹ιοιοι



		ESSENCE BENZINE PETROL	DIESEL	Length	CCA
MADE IN CHINA					
056381	500 A	5,5l	4,5l	3,5 m	25 mm ²

PRO BRASS CLAMPS

PINCES LAITON, NON ISOLÉES - Brass clamps, NOT INSULATED - Messingklemmen, nicht isoliert
 • Pinzas de latón, no aisladas • Koperen klemmen, niet geisoleerd • Garras bronce, latão isoladas
 • Ακροδέκτες χαλκού χωρίς μόνωση • ЛАТУННЫЕ ЗАЖИМЫ, НЕИЗОЛИРОВАННЫЕ • 黄铜夹, 无绝缘



		ESSENCE BENZINE PETROL	DIESEL	Length	Wires	CCA
MADE IN CHINA						
056206	320 A			3 m	—	16 mm ² (CCA)
564015	500 A			3 m	—	25 mm ² (CCA)
056404	700 A			4,5 m	—	35 mm ² (CCA)
056602	1000 A			5,1 m	—	50 mm ² (100% Cu)
MADE IN FRANCE						
056190	1000 A			4,5 m	INCLUDED	50 mm ² (100% Cu)

PRO INSULATED CLAMPS

PINCES ISOLÉES - INSULATED CLAMPS - ISOLIERTE KLEMMEN - Pinzas aisladas
 • Garras aisladas • Geisoleerde klemmen • Μονωμένοι ακροδέκτες
 • Изолированные зажимы • 绝缘充电夹ιοιοι



		ESSENCE BENZINE PETROL	DIESEL	Length	Wires	CCA	DIN 72553
MADE IN CHINA							
056312	200 A	1,5l		3 m	—	10 mm ²	—
056329	320 A	2,5l		3 m	—	16 mm ²	•
056336	500 A	5,5l	3l	3,5 m	—	25 mm ²	•
056343	700 A	7l	4l	4,5 m	—	35 mm ²	•
MADE IN FRANCE							
056558	1000 A	7l	4l	4,5 m	INCLUDED	50 mm ² (100% Cu)	—

CÂBLES DE DÉMARRAGE - BOOSTER CABLES - Starterkabel - CABLES DE ARRANQUE - CAVI DI AVVIAMENTO



TEST VOLT

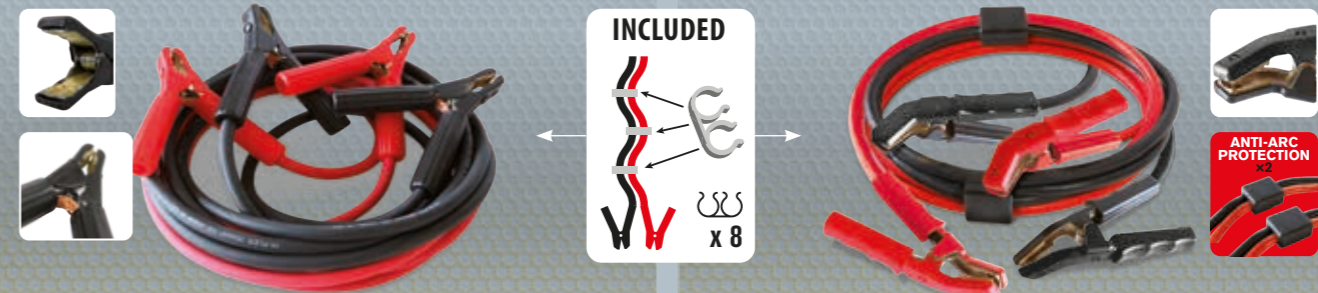
LED



DIN 72553		ESSENCE BENZINE PETROL	DIESEL	Length	CCA
027695	350 A	5,5l	3l	3,5 m	25 mm ²

SUPER PRO INSULATED CLAMPS

PINCES ISOLÉES - INSULATED CLAMPS - ISOLIERTE KLEMMEN - Pinzas aisladas
 • Garras aisladas • Geisoleerde klemmen • Μονωμένοι ακροδέκτες
 • Изолированные зажимы • 绝缘充电夹



		Length	CCA	Wires	CCA
056541	700 A	4,5 m	35 mm ²	Ø 100% CU	
056619	1000 A	5 m	50 mm ²	Ø 100% CU	

EV CHARGING

16 A > 32 A

RECHARGEMENT EV
 EV CHARGING • LADEN FÜR ELEKTROFAHRZEUGE
 • Carga de EV • EV carregando
 • EV opladen • Φόρτιση EV
 • Зарядка электромобиля • 电动汽车充电
 Norm - IEC 62196-2 Type 2



PORTABLE EV CHARGER
16 A 1 ph
 028975



EV CHARGING CABLES
32 A 1 ph 028982
32 A 3 ph 028999

	U ₁	I ₁			Length	CCA	OPTION
PORTABLE EV CHARGER	028975	1 ph	10 / 16 A	•	—		
EV CHARGING CABLE	028982	1 ph	32 A	—	•	5 m	Type 2
	028999	3 ph	32 A	—	•		Type 2



ACCESSOIRES



Pince ampèremétrique
- Clamp-on ammeter
- Strommesszange

400 A
053991

600 A
053984

HIGH FLEXIBILITY ELECTRICAL CABLES

Area (mm²)	Length (m)	Part No.	Part No.	A (60%)	A (35%)
10 mm²	100 m	054882	054875	88	92
16 mm²	100 m	054905	054899	120	130
25 mm²	100 m	054929	054912	164	184
35 mm²	100 m	054943	054936	210	240
50 mm²	100 m	054967	054950	273	320
70 mm²	50 m	—	056565	310	380

CABLES EN 60246-5/H01N2-D (Caoutchouc - Rubber)

Area (mm²)	Length (m)	Part No.	A (60%)	A (35%)
50 mm²	100 m	046801	273	320
70 mm²	x m	046757	348	417
95 mm²	x m	046863	430	525

PINCES - Clamps - Klemmen - Pinzas - Garras - Ακροδέκτες - Зажимы - 充电夹

	40 A	60 A	200 A	300 A	600 A	650 A	700 A	850 A	1000 A	300 A	600 A							
I 100%	30 A	60 A	100 A	200 A	120 A	120 A	120 A	170 A	200 A	-	-							
I peak	75 A	150 A	200 A	300 A	600 A	650 A	700 A	850 A	1000 A	-	-							
	× 30 mm 2.5 mm²	× 25 mm 6 mm²	× 38 mm 16 mm²	× 45 mm 25 mm²	× 40 mm 35 mm²	× 35 mm 25 mm²	× 28 mm 25 mm²	× 44 mm 35 mm²	× 55 mm 70 mm²	× 38 mm 50 mm²	× 38 mm 95 mm²							
	055537 (x2) 024816	055520	053502	053403	053700	053601	053779	053786	055551	055544	025783	025776	053816	053793	025769	025752	038059	038066

COSSES BATTERIE - Battery Terminal - Polklemmen - Terminales batería - Accupool - Terminais de bateria - Πόλος μπαταρίας - Контакты аккумуляторной - батареи - 电池端子

	ø 10 mm / 35 mm²	ø 13 mm / 50 mm²	ø 16 mm / 70 mm²
	x1	x25	x25
	054400	054431	054332
		054448	054349
		054424	054363
			054370
			054387

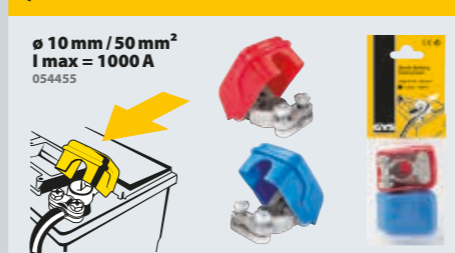
COSSES - Cable lugs - Terminal Kabelschuhe - Kabelschuhe

16 mm²	M10	×10	038219
25 mm²	M10	×10	038226
35 mm²	M14	×10	038233
50 mm²	M14	×10	038240

NETTOYEUR COSSES / BORNES - Cleaning brush poles / terminals



QUICK CONNECTORS



FUSIBLES - Fuses - Sicherungen - Fusibles - Zekeringen - Fusíveis - Ασφάλειες - Плавкие предохранители - 保险丝

×5	6.3 A 054578	10 A 054530	15 A 054493	20 A 054509	25 A 054516	30 A 054523	40 A 054554	100 A 054486	100 A 054394	×2	150 A 027930	×2	200 A 054547	×2	250 A 055568	×2	300 A 054561	×2	M5	40 A 054646	50 A 054622	80 A 054653	125 A 054585	150 A 054639
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PROTECTION ANTI-ARC - Anti-arc protection - Lichtbogenschutz - Protección anti-arco - Piekspanningsbeveiliging - Protecção anti-faisca - Αντι-σπινθηρική προστασία - Защита против дуги - 抗电弧保护



PORTE-BATTERIE AJUSTABLE - Adjustable battery carrier - Einstellbarer Batteriehalter



PÈSE ACIDE ANTIGEL - Acidimeter (PH Meter) - Säure/Frostschutzmittel-Tester - Acido densimetro anticongelante - Zuurweger - Medidor de PH (ácido) - Μετρητής οξύτητας (PH) - Αцидиметр (pH-метр) - 防冻酸度计



KIT SOLAIRE DE MAINTIEN DE CHARGE AVEC ACCESSOIRES - Solar powered charger with accessories - Solarpanel zur Ladeerhaltung mit Zubehör - Kit solar de mantenimiento de carga - Солнечная панель для поддержания заряда в наборе с аксессуарами



STATION MULTICHARGE POUR BATTERIES - Multi charge station for batteries - Multi-Ladestation für Starterbatterien



SAUVEGARDE MÉMOIRE OBD - Memory auto save - Sicherung des Speichers - Salvaguardia memorias - Salvaguardas de memória - Αυτόματη αποθήκευση ρυθμίσεων - Сохранение настроек - 记忆储存器





LAMPE BALADEUSE

- Hand Lamp
- Handleuchte

100-250 lumens (x3)

TRIPODE 250 L
3 x 1 W COB LED

3 x 3.6 V
300 mAh
AAA rechargeable,
Ni-MH, USB
charging (6h)

operating time
High position: 1 h
Low position: 3 h
Flashing: 5 h

↳ 260 x 100
x 100 mm



400 lumens

400 L
COB LED

Li-ion
Charging time: 8h

operating time
High position: 2.5 h
Low position: 5 h
Top light (1 W): 6 h

↳ 230 x 65 x 40 mm



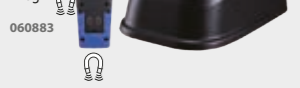
250-600 lumens

PRO 600 L
COB LED, 80 CRI

3.7 V - 2200 mAh Li-ion
micro USB charging (3.5 h)

operating time:
High position: 1.5 h,
Mid position: 4.5 h,
Top light (100 lumens):
10 h

↳ 190
x 56
x 29 mm
IP 54
210g



200-400 lumens

ÉTANCHE 400 L
COB LED

3.7 V - 2000 mAh Li-ion
USB charging (4/6 h)

operating time
High position: 2 h
Mid position: 4 h
Top light (4 W): 3 h

↳ 285 x 65 x 65 mm
IP 56



LAMPE INSPECTION

- Inspection Lamp
- Inspektionslampen

100-200 lumens

MINI 200 L
COB LED, 80 CRI, 6500 K

3.7 V - 700 mAh Li-ion
micro USB charging (2.5 h)

operating time
High position: 1.5 h
Low position: 4 h
Top light: 3.5 h

IP 20
↳ 76 g, ↳ 174 x 27.5 x 28 mm



50 > 500 lumens

FLEXIBLE 500 L
COB LED - 80 CRI+
6500 K

3.7 V - 2600 mAh Li-ion
USB charging (4 h)

operating time
High position: 2 h
Low position: 16 h
Top light: 9.5 h

IP 54
↳ 290 g
↳ 423 x 65.5
x 44.5 mm



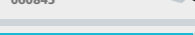
100-280 lumens

FRONTALE 280 L
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, ↳ 110 g
↳ 78.5 x 47.5 x 42 mm



0 > 600 lumens

PRO 600 L
6500 K

3.7 V - 2600 mAh Li-ion

operating time
1.5 > 15 h

↳ 380 x 40 x 45 mm
300 g
057760
↳ 058309



LAMPE AMBIANCE 360° - 360° ambient lamp

60 > 1000 lumens

PORTABLE 1000 L
>80 CRI SMD LED
6500 K

3.7 V - 5200 mAh Li-ion
USB charging (4.5h)
USB power supply

operating time 2 > 27 h

↳ 260 x 75 x 75 mm
IP 54
450 g
059764



LAMPE SOUS CAPOT

- Under bonnet lamp
- Leuchte für Motorhaube

300-600 lumens

600 L
120 COB LED

3.7 V - 4000 mAh Li-ion
charging time: 10/12 h

operating time
High position: 1.5 h
Low position: 3 h

1.3 kg
059962



250-800 lumens

800 L
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

058002
↳ 058316



PROJECTEUR SUR TRÉPIED

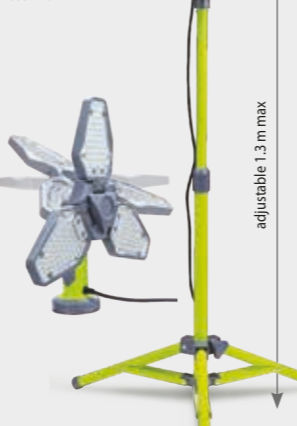
- Worklight with tripod
- Arbeitsleuchte mit Standfuß

1800 lumens

1800 L
3x 55 COB LED
total 165 LED

1.8 m power cord

059146



3000 lumens

3000 L
35 W COB LED

2 m power cord

IP 44

059979



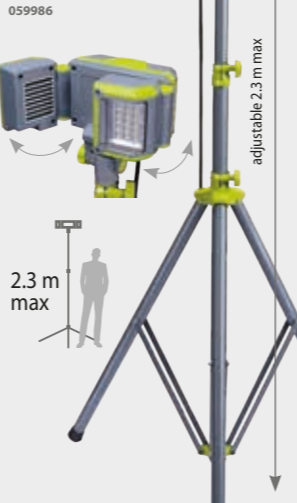
4000 lumens

**Lampe sur TRÉPIED
4000 L**

Worklight with tripod
3x 20 COB LED,
total 60 LED

3 m
power cord

059986



BATTERIES DE DÉMARRAGE - Automotive batteries - Starterbatterien - Baterías de arranque - Automotive accús - Baterías de Automóvil - Μπαταρίες οχημάτων - Пусковые батареи - 汽车启动电池

Curves	LIQUID Calcium / Silver	Start & Stop / AGM / EFB / GEL Optima	Unattended charge	100% charged	Maintenance	Battery desulphation	Fast Charge	Fast Charge ++
	W	✓	-	-	-	-	-	-
	W2	✓	-	✓	-	-	-	-
	WU	✓	-	✓	✓	-	-	-
	WUoU	✓	✓	✓	✓	-	-	-
	IWUoU	✓	✓	✓	✓	✓	✓	-
	REGULATED IuU FAST CHARGE	✓	✓	✓	✓	✓	✓	✓
	7/8 STEP GYSFLASH Pb	✓	✓	✓	✓	✓	✓	✓

GYSFLASH
Lithium
8 STEP
5 STEP
LiFePO4 / Li-ion / Li-Po / NMC / LCO / MCO / NCA...

MARKETING

Podium de présentation
Display stand
Podest
(machines not included)

A: 45 cm, B: 50 cm, C: 50 cm
063204
063211
A: 80 cm, B: 50 cm, C: 50 cm

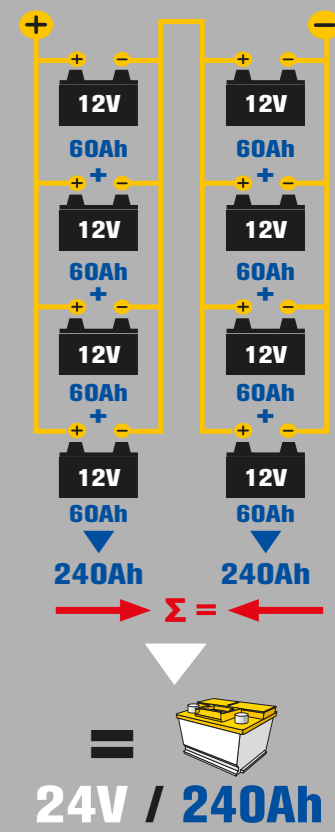
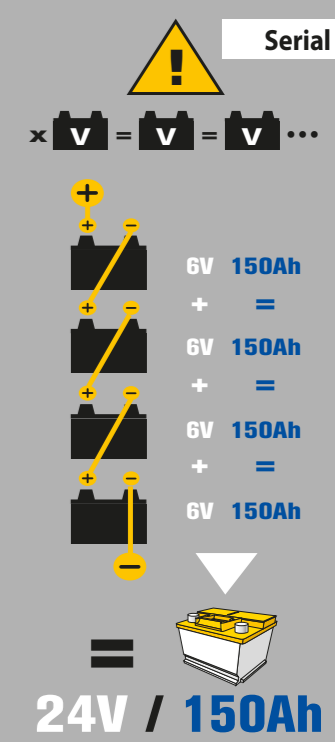
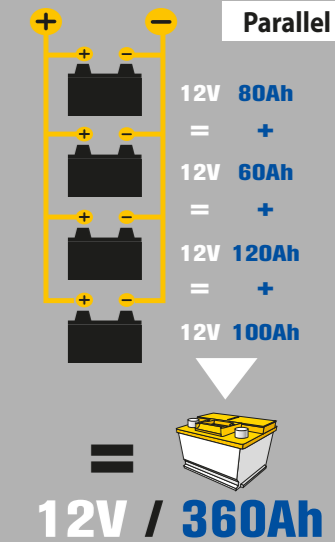
A - Barnum 3 x 3 m
098022
B - Open Barnum 2 x 2 m
098039
C - Oriflamme 1,75 x 0,50 m
098015

FA1 FA2 SB1

Linéaire de vente
avec 2 étagères
- Retail display space
with 2 shelves
- Lochwandregal
mit 2 Böden
060784

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

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