



FRENCH MANUFACTURER SINCE 1964



INVEST IN THE FUTURE



Charger, Booster & Starter

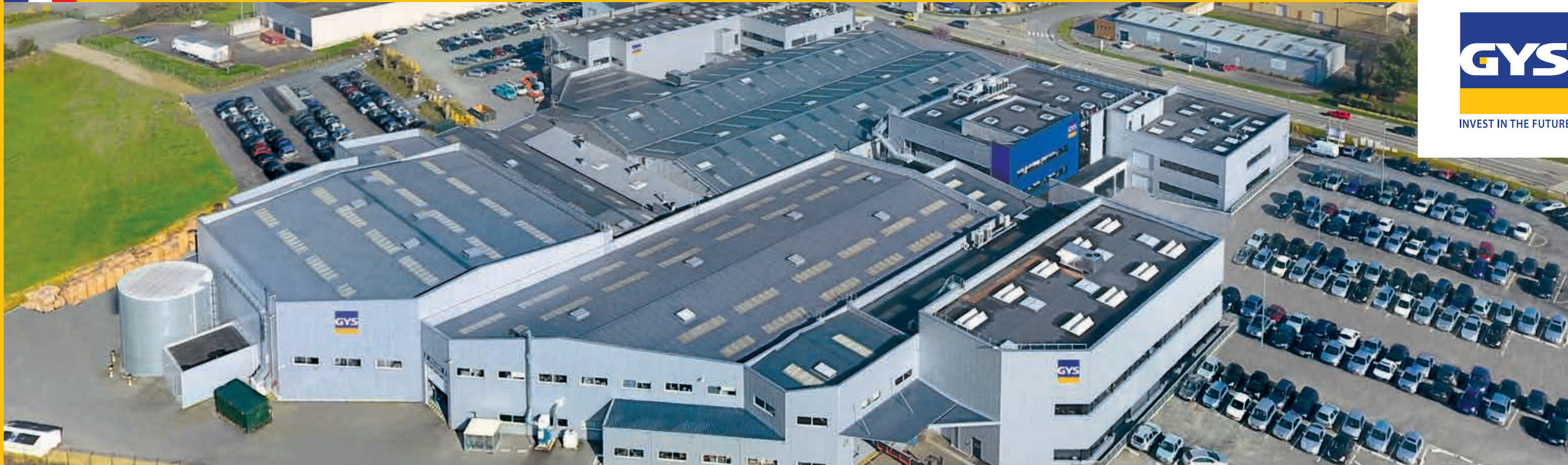
Catalogue Charge • Batterieservicegeräte-Katalog

Catálogo de Cargadores

CHARGER • BOOSTER • STARTER • TESTER • JUMPER CABLE • ACCESSORIES

2018

www.gys.fr



A family firm since 1964

Une société familiale depuis 1964

Familienunternehmen seit 1964

Una empresa familiar desde 1964

Un'azienda familiare dal 1964

Een familiebedrijf sinds 1964



40 000 m²
400 000 sqf 

8 

630+ 

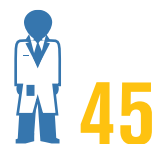
120 

Partenaires • Partners • Partner • Socios comerciales • Partner • Partners



High tech R&D

R&D de pointe
Hochmoderne F&E
I+D de tecnología punta
R&S di punta
Hoogwaardige R&D



GYS Academy

Académie • Akademie
Academia • Accademia
Academy

Centre de formation agréé
Training centre dedicated to professionals
Trainingcenter für Profis
Centro de formación autorizado
Centro di formazione dedicato ai professionisti
Erkend opleidingscentrum

Formations agréées
Ref. 52 53 0068153



Electronics • Électronique • Elektronik



Painting • Peinture • Lackierstraße



Cable work • Filerie • Kabelkonfektionierung



100% GYS



Mechanical engineering • Mécanique • CNC-Bearbeitung



Metal work • Tôlerie • Blechbearbeitung



Transformers • Transformateurs • Transformatoren



Assembly • Montage/tests • Montage



CHARGERS
TRADITIONAL



p. 47



Autorestart
memory

3 A 12V
ENERGY 124

023215
025141



4 A 12V
ENERGY 126

023222
025165



Fuse X10
10A
054530
15A
054493

				CHARGE					
					Efficace / RMS	Moyen / Average (EN 60335)			
ENERGY 124	50 / 60 Hz		12V	—	4,5 A	3 A	10 A	11,5 x 16 x 22 cm	2,2 kg
ENERGY 126			12V	—	6 A	4 A	10 A	11,5 x 16 x 22 cm	2,2 kg
TCB 60 automatic			12V	2	6 A	2 - 4 A	10 A	12 x 17 x 29 cm	2,7 kg
TCB 90 automatic			12V	2	8 A	2 - 5,5 A	15 A	12 x 17 x 29 cm	3,4 kg
TCB 120 automatic			12V	2	10,5 A	3,5 - 7 A	15 A	12 x 17 x 29 cm	3,2 kg

CHARGERS
AUTOMATIC



p. 47



ALL BATTERIES



Autorestart
memory



TCB 60/90/120



2/4 A 12V
TCB 60

023253
025189



2/5,5 A 12V
TCB 90

023260
025202



3,5/7 A 12V
TCB 120

023284
025240



2 in 1
=
CHARGE
+
TEST

Recommendation							CHARGER + TESTER	 Bzz CONTROL
		Essence • Petrol • Benzin			Diesel			
ENERGY 124				10 > 45 Ah			—	—
ENERGY 126				15 > 60 Ah			—	—
TCB 60 automatic		10 > 60 Ah					OK	OK
TCB 90 automatic		15 > 90 Ah					OK	OK
TCB 120 automatic				20 > 120 Ah			OK	OK

SMART CHARGERS
HF • INVERTER



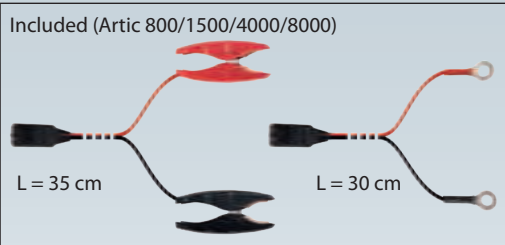
0,8 A 12V
ARTIC 800



029569
029682



1,5 A 12V
ARTIC 1500

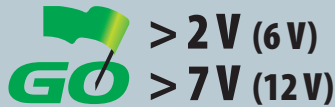
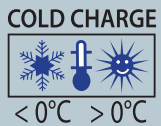


029576



			CHARGE		FULL FUNCTIONS						
				I Charge (EN 60335)							
ARTIC 800	100-240V	15 W	12V	0,8 A	•	—	•	—	—	130 x 65 x 38 mm	330 g
ARTIC 1500	220-240V	27 W	12V	1,5 A	•	—	•	—	—	152 x 70 x 40 mm	410 g
ARTIC 4000	220-240V	75 W	6 V	4 A	•	•	•	•	•	193 x 80 x 52 mm	640 g
			12 V	1 A							
ARTIC 4000	220-240V	75 W	12 V	4 A	•	•	•	•	•	193 x 80 x 52 mm	640 g
				4 A							
ARTIC 8000	220-240V	130 W	12V	2 / 8 A	•	•	•	•	•	220 x 96 x 59 mm	950 g

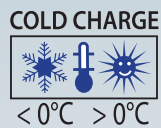
4A/1-4A 6/12V
ARTIC 4000



029583
029705



2 A/8 A 12V
ARTIC 8000



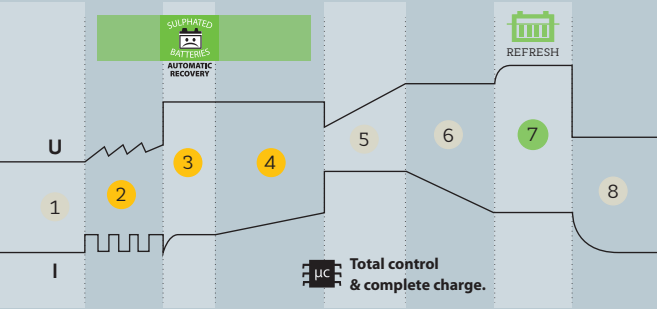
029590
029712



Recommendation															6V	IP
ARTIC 800	12V	Charge 1.6 > 25 Ah Maintenance 1.6 > 80 Ah														44
ARTIC 1500	12V	Charge 3 > 40 Ah Maintenance 3 > 100 Ah														65
ARTIC 4000	6V 12V	Charge 6V : 8 > 70 Ah - 12V : 2 > 70 Ah Maintenance 6V : 8 > 130 Ah - 12V : 2 > 130 Ah													8 > 70 Ah 8 > 130 Ah	65
ARTIC 8000	12V	Charge 4 > 160 Ah Maintenance 4 > 240 Ah														65

8 STEP

- 1 Battery status analysis
- 2 Recovery
- 3 Battery test
- 4 Desulfation
- 5 Fast charge 80%
- 6 Absorption
- 7 Refresh
- 8 Floating



IP 65

Water protection

START/STOP ENGINE

All batteries

SULPHATED BATTERIES

Automatic recovery

Autorestart memory

Une solution complète • A complete solution • Eine Komplettlösung

		Pb					LiFePO4				
		12 V					12 V				
		1.12	4.12	6.12	8.12	12.12	6 Heritage	6.24	9.24	1.12 Lithium	6.12 Lithium
SERVICE LEISURE											
MOTO											
AUTO - CAMPER VAN - TRUCK											
MARINE											
INDUSTRY											

maintenance only

Connexion Flash • Flash connection • Flash-Anschluss

Gysflash 1.12, 4.12, 6.12, 6 Heritage, 6.24, Lithium 1.12 & 6.12

Rallonge / Extension lead / Verlängerungskabel
2,5 m
029057

Adaptateur prise allume-cigare / Cigarette lighter adaptor / Zigarettenanzünderanschlussadapter
35 cm
029439

Pinces à indicateur de charge / Charge indicator leads with clamps / Klemmen mit Ladestatusanzeige
56 cm
029149

Œillets à indicateur de charge / Charge indicator leads with eyelets / Ösen mit Ladestatusanzeige
56 cm
029200

SMART CHARGERS
HF • INVERTER

12 V



1 A 12V
GYSFLASH 1.12



029361
029514



0,8/4 A 12V
GYSFLASH 4.12



029422
029521



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

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



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.

PATENTS REGISTERED NUMBERS 002280008 & 002279927 EUROPEAN TRADEMARK & DESIGN																	50 / 60 Hz																																		Power																	I_{charge}																	 V																	 Charge																	 Maintenance																	 Z_z																	Ondulation/ Ripple																	Charging curve																																																			IP																																		 SOS RECOVERY																
GYSFLASH 1.12																	220-240 V AC																	1 m																	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																	IP 65																	130 x 80 x 38 mm																	Automatic																
GYSFLASH 4.12																	220-240 V AC																	2 m																	70 W																	0,8/4 A																	12 V																	1.2 < 70 Ah																	1.2 < 125 Ah																	<0.4 Ah/ month																	<150 mV Rms																	IUoU																	7 steps																	0.69 kg																	IP 65																	170 x 90 x 51 mm																	Automatic																

DESIGN
GYS FRANCE

SMART CHARGERS
HF • INVERTER

12 V



0,8/6 A 12V
GYSFLASH 6.12

029378
029613



0,8/6 A 6V 12V
GYSFLASH 6 HERITAGE

029538



SMART CHARGERS
HF • INVERTER

12 V



8 A 12V
GYSFLASH 8.12

029385
029545



12 A 12V
GYSFLASH 12.12

029392
029552



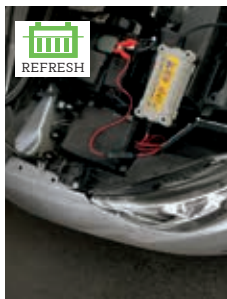
PATENTS REGISTERED NUMBERS
002280008 & 002279927
EUROPEAN TRADEMARK & DESIGN



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.

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.

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



Refresh : rééquilibrage des cellules de la batterie pour plus de longévité (suivant modèle).

Refresh : rebalancing of the battery cells for greater longevity (not available on all models).

Refresh: Regenierung der Batteriezellen für eine längere Lebensdauer (je nach Modell).



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

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

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

PATENTS REGISTERED NUMBERS
002280008 & 002279927
EUROPEAN TRADEMARK & DESIGN

PATENTS REGISTERED NUMBERS 002280008 & 002279927 EUROPEAN TRADEMARK & DESIGN			Power					Ondulation/ Ripple	Charging curve		IP					
	GYSFLASH 6.12	220-240 V AC	2 m	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	IP 65	0.77 kg	190 x 100 x 52 mm	Automatic
	GYSFLASH 6 HERITAGE	220-240 V AC	2 m	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	8 steps	IP 65	0.85 kg	190 x 100 x 52 mm	Automatic
	GYSFLASH 8.12	220-240 V AC	2 m	130 W	8 A	12 V	15 < 160 Ah	15 < 240 Ah	<0.4 Ah/ month	<150 mV Rms	IUoU	8 steps	IP 65	0.85 kg	190 x 100 x 52 mm	Automatic
	GYSFLASH 12.12	220-240 V AC	2 m	195 W	12A	12 V	20 < 250 Ah	20 < 330 Ah	<0.4 Ah/ month	<100 mV Rms	IUoU	8 steps	IP 65	1.1 kg	221 x 111 x 58 mm	Automatic

SMART CHARGERS
HF • INVERTER

6 / 12 / 24 V



0.8/6 A 6 V 12 V 24 V
GYSFLASH 6.24

029460
029644



9 A 6 V 12 V 24 V
GYSFLASH 9.24

029477
029651



Refresh : rééquilibrage des cellules de la batterie pour plus de longévité.

Refresh : rebalancing of the battery cells for greater longevity.

Refresh: Regenierung der Batteriezellen für eine längere Lebensdauer.



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

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

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

PATENTS REGISTERED NUMBERS 002280008 & 002279927 EUROPEAN TRADEMARK & DESIGN		 50 / 60 Hz		Power	 I _{charge}	 V	 Charge	 Maintenance		Ondulation/ Ripple	Charging curve		IP			
GYSFLASH 6.24	220-240 V AC	2 m	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	190 x 100 x 52 mm	Automatic	
				4 A	24 V	15 < 100 Ah	15 < 140 Ah									
				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	221 x 111 x 58 mm	Automatic	
GYSFLASH 9.24	220-240 V AC	2 m	195 W	6 A	24 V	15 < 125 Ah	15 < 170 Ah									

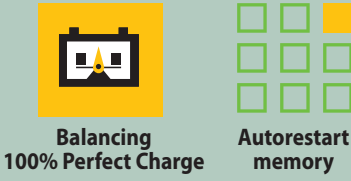
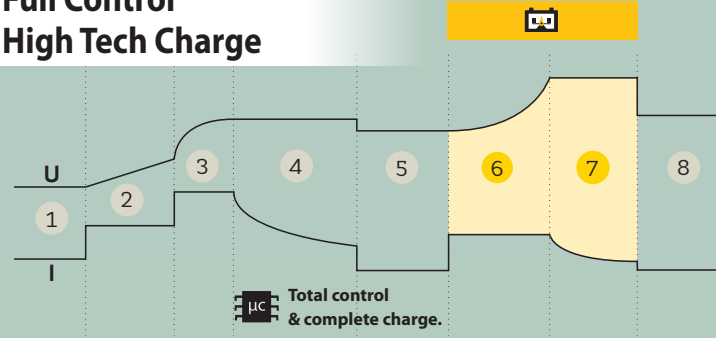
Lithium

12 V - LiFePO₄



8 STEP Full Control
High Tech Charge

- 1 Battery status analysis
- 2 Recovery
- 3 Fast charge 90%
- 4 Absorption 95%
- 5 Test
- 6 Completion
- 7 Equalization
- 8 Floating 100%



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

1 A 12 V
GYSFLASH 1.12 Lithium

029675



NEW
03/2018

0.8/6 A 12 V
GYSFLASH 6.12 Lithium

029729



NEW
03/2018

PATENTS REGISTERED NUMBERS 002280008 & 002279927 EUROPEAN TRADEMARK & DESIGN		50 / 60 Hz		Power	I _{charge}	V	Charge	Maintenance	Zz	Ondulation/ Ripple	Charging curve	IP			
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	IUoU	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	6 A	12 V	1.2 < 125 Ah	1.2 < 170 Ah	<0.4 Ah/ month	<150 mV Rms	IUoU	8 step	IP 65	0.77 kg	190 x 100 x 52 mm

CHARGERS TRADITIONAL



9 A 12/24V
CT 160

024106
025325



12 A 12/24V
CT 210

024113
025349



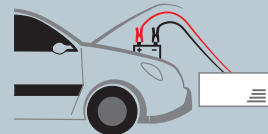
CHARGERS AUTOMATIC



> 3,5V



ALL BATTERIES



Protection for on-board electronics

5 A 6/12V
WATTMATIC 100

024823
025417



9 A 6/12V
WATTMATIC 140

025608
025622



10 A 6/12V
WATTMATIC 170

025615
025639



			CHARGE						Fuse		
				Reg	Efficace / RMS	Moyen / Average (EN 60335) Reg 1	Boost 1	boost 2			
CT 160	230V, 50/60 Hz	190W	12/24V	12V > 2 24V > 2	13,5A 7,5A	7A 3A	9A 5A	—	15 A	20,5 x 30 x 13,5 cm	3,9 kg
CT 210	230V, 50/60 Hz	260W	12/24V	12V > 2 24V > 2	18A 9A	8A 4A	12A 6A	—	20 A	22,5 x 33,5 x 14,5 cm	5,2 kg
CA 150 automatic	230V, 50/60 Hz	500W	12/24V	12/24V	18A	8A	10A	—	25 A	33 x 26 x 14 cm	6 kg
CA 360 automatic	230V, 50/60 Hz	920W	12/24V	12/24V	37A	7A	15A	25A	50 A	44 x 31 x 23 cm	14 kg

Recommendation									
CT 160	12V 24V	(12V) 25 > 160 Ah (24V) 15 > 90 Ah							
CT 210	12V 24V	(12V) 35 > 210 Ah (24V) 20 > 100 Ah							
CA 150 automatic	12V 24V	35 > 150 Ah							
CA 360 automatic	12V 24V	40 > 350 Ah							

🔍										
			CHARGE 					 Fuse		
				 Reg	Efficace / RMS	Moyen / Average (EN 60335)				
						Reg 1	Reg 2			
WATTMATIC 100 automatic	230V, 50Hz	170W	6/12V	2	11.4 A	3 A	5 A	10 A	24 x 26 x 13 cm	3.8 kg
WATTMATIC 140 automatic	230V, 50Hz	230W	6/12V	2	16.5 A	5 A	9 A (boost)	15 A	36 x 22 x 14 cm	4.8 kg
WATTMATIC 170 automatic	230V, 50Hz	280W	6/12V	2	18.8 A	6.5 A	10 A (boost)	20 A	36 x 22 x 14 cm	5 kg

Recommendation									
WATTMATIC 100 automatic	6V 12V	15 > 100 Ah							
WATTMATIC 140 automatic	6V 12V	20 > 150 Ah							
WATTMATIC 170 automatic	6V 12V	25 > 180 Ah							



Fuse X10
10A 054530 (WATTMATIC 100)
15A 054493 (CT 160, WATTMATIC 140)
20A 054509 (CT 210, WATTMATIC 150 & 170)
25A 054516 (CA 150, WATTMATIC 180)
50A 054622 (CA 360)

7 A 6/12V
BATIUM 7/12

024496
024557



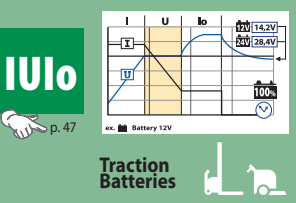
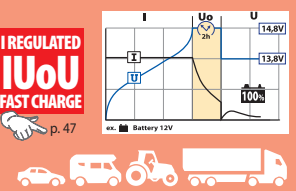
7 A 6/12/24V
BATIUM 7/24

024502
024625



25 A 6/12/24V
BATIUM 25/24

024533
024618



I REGULATED
IUoU
FAST CHARGE

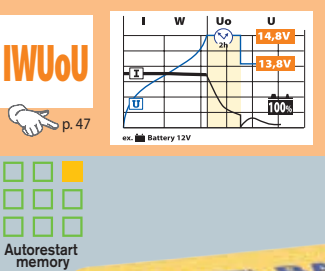
IUlo

Specific charge
Traction batteries

2 in 1  + 

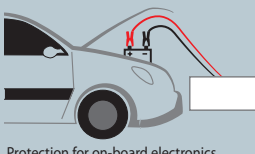


SMART
CHARGERS
AUTOMATIC



MICRO-PROCESSOR
CONTROL

START/STOP
ENGINE
ALL BATTERIES



V
AUTO
DETECT

15 A 6/12V
BATIUM 15/12

024519
024632



SULPHATED
BATTERIES
SOS RECOVERY



15 A 6/12/24V
BATIUM 15/24

024526
024588



SULPHATED
BATTERIES
SOS RECOVERY



30A (BATIUM 15/12 & 15/24)
054523



			CHARGE 										
					Efficace / RMS	Moyen / Average							
						(EN 60335)							
						Reg 1	Reg 2	Reg 3	boost				
BATIUM 7/12	230V	105W	6/12V	2	11 A	3 A	—	—	7 A	15 A	21 x 34 x 13 cm	4,8 kg	—
BATIUM 7/24	230V	210W	6/12/24V	2	11 A	3 A	—	—	7 A	15 A	21 x 34 x 13 cm	5,7 kg	—
BATIUM 15/12	230V	225W	6/12V	3	22 A	7 A	10 A	—	15 A	30 A	21 x 36 x 14 cm	5,9 kg	•
BATIUM 15/24	230V	450W	6/12/24V	3	22 A	7 A	10 A	—	15 A	30 A	21 x 36 x 14 cm	8,5 kg	•
BATIUM 25/24	230V	1150W	6/12/24V	3	37 A	7 A	15 A	25 A	—	—	28 x 42 x 23 cm	13,4 kg	•

Recommendation													
BATIUM 7/12	6V 12V	—	—	—	—	—	—	—	—	—	—	—	—
BATIUM 7/24	6V 12V 24V	—	—	—	—	—	—	—	—	—	—	—	—
BATIUM 15/12	6V 12V	—	—	—	—	—	—	—	—	—	—	—	—
BATIUM 15/24	6V 12V 24V	—	—	—	—	—	—	—	—	—	—	—	—
BATIUM 25/24	6V 12V 24V	35 > 180 Ah	—	—	—	—	—	—	—	—	—	—	—

CHARGERS
& BSU
(BATTERY SUPPORT UNITS)

Homologations / Approvals /
Zulassungen :



30 A

12 V

PFC

GYSFLASH 30.12

029224 | 2,5 m | 6 mm²

30 A

6/12/24V

PFC

GYSFLASH 30.24

029231 | 2,5 m | 6 mm²



10,5 cm

40 A

12 V

FV PFC

GYSFLASH 40.12 FV

029064 | 2,5 m | 10 mm²



10,5 cm



50 A

12 V

PFC

GYSFLASH 50.12

029088 | 2,5 m | 10 mm²

50 A

6/12/24V

PFC

GYSFLASH 50.24

029095 | 2,5 m | 10 mm²

029620 | 5 m | 16 mm²



10,5 cm

						START MINI	I _{max}	40°C/230V		TRACTION BATTERIES			
GYSFLASH 30.12	230V	2,5 m	6	12V	540 W	2V	30 A	30 A @ 100 %	10>400Ah	—	25,5 x 23 x 10,5 cm	3,8 kg	●
GYSFLASH 30.24	230V	2,5 m	10	6V 12V 24V	540 W	2V	30 A 30 A 15 A	30 A @ 100 % 30 A @ 100 % 15 A @ 100 %	10>400Ah	●	25,5 x 23 x 10,5 cm	3,8 kg	●
GYSFLASH 40.12FV	85>265 V	2,5 m	10	12V	750 W	2V	40 A	40 A @ 100 %	10>500Ah	—	30 x 29 x 10,5 cm	5,5 kg	●
GYSFLASH 50.12	230V	2,5 m	10	12V	1600 W	2V	50 A	40 A @ 100 %	10>600Ah	—	30 x 29,2 x 10,5 cm	5,5 kg	●
GYSFLASH 50.24	230V	2,5 m	10	6V 12V 24V	1600 W	2V	50 A	45 A @ 100 % 40 A @ 100 % 35 A @ 100 %	10>600Ah	●	30 x 29,2 x 10,5 cm	5,5 kg	●
GYSFLASH 100.12	230V	2,5 m 5 m	16	12V	1600 W	2V	100 A	66 A @ 100 %	10>1200Ah	—	32 x 29,2 x 10,5 cm	6,6 kg 7,5 kg	●
GYSFLASH 102.12	230V	5 m	16	12V	1600 W	2V	100 A	66 A @ 100 %	20>1200Ah	—	29,5 x 34,5 x 11,75 cm	8,2 kg	●



100 A

12 V

PFC

GYSFLASH 100.12

029071 | 2,5 m | 16 mm²

029415 | 5 m | 16 mm²



Vertical fixing element
included

x2

OPTIONAL MAGNETFIX

x4

x2

x1

029637

34,5 cm



10,5 cm



11,5 cm

29,5 cm

MADE
IN FRANCE

Fuse Kit

x2

Gysflash 30 : 40 A
054646

Gysflash 40/50 : 80 A
054653

Gysflash 100/102 : 125 A
054585

Fuse

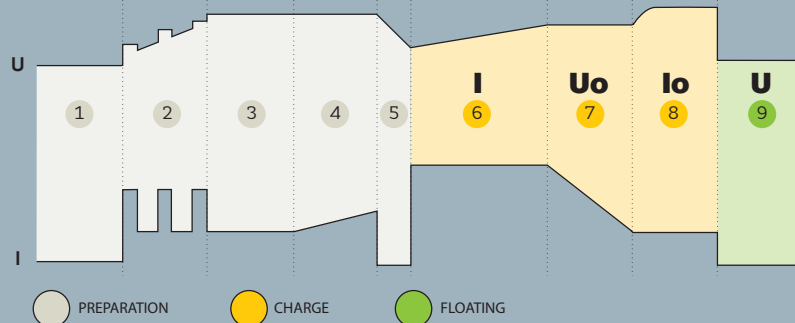
x5

Gysflash 30 : 6,3 A
054578

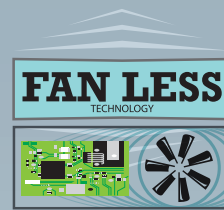
Gysflash 40/50/100/102 : 10 A
056527



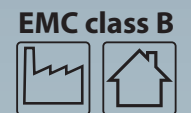
- 1 Battery status analysis
- 2 Recovery
- 3 Sulphation test
- 4 Desulfation
- 5 Test
- 6 Fast charge 80%
- 7 Absorption
- 8 Refresh
- 9 Floating 100%



MENU DESCRIPTION



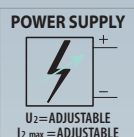
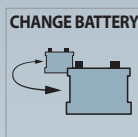
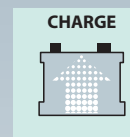
HIGH EFFICIENCY
Up to 15%
Energy Saving **93%**



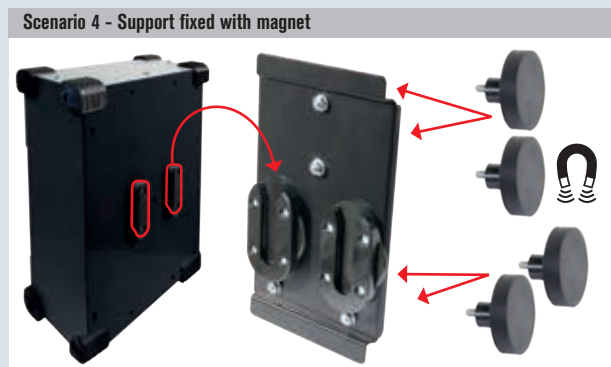
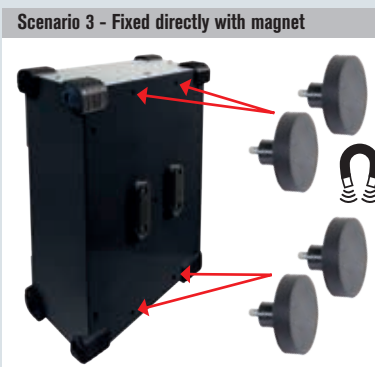
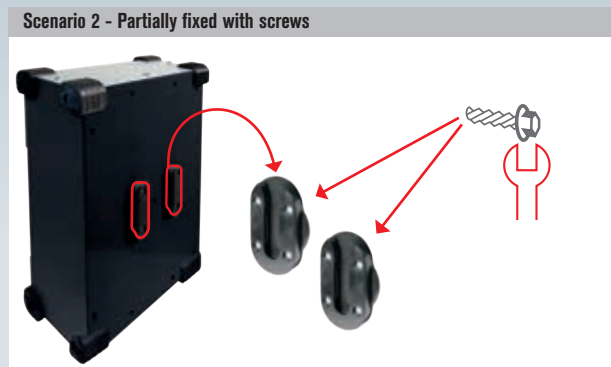
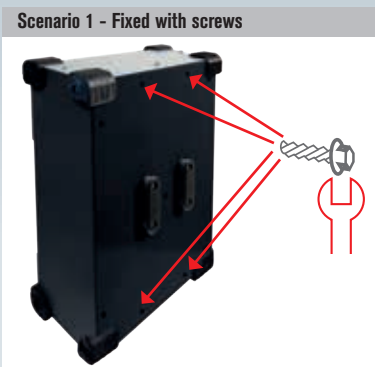
Select mode
- Charge
- Diag / Diag +
- Showroom
- Change battery
- Power supply
- Configuration

Select parameters
- Voltage
- Capacity
- Battery type
- Language
...

Adjust values
- V
- Ah
- Liquid / Gel / Easy mode / Expert mode
...



GYSFLASH PRO 102.12 : MAGNETFIX OPTIONS



ACCESSORIES

TABLETTE - WALL SUPPORT - WANDHALTERUNG
055513



**VALISE DE CHANTIER
HEAVY-DUTY CASE
HARTSCHALENKOFFER**
21 x 43 x 57 cm / 3.9 kg
060432



**CHARIOT
TROLLEY
FAHRWAGEN**
029491



CABLES Gysflash 30/40/50/100/102

STANDARD	STANDARD CABLES	
	2.5 m - 16 mm ²	056503
	5 m - 16 mm ²	054615
	8 m - 16 mm ²	056572

MAN / BUS	MAN / BUS CABLES	
	5 m - 16 mm ²	026858

MAN / BUS CONNECTOR
026834

NATO	NATO CABLES	
	5 m - 16 mm ²	026810

NATO CONNECTOR
026780



NATO ID / NCAGE :
F8154 CG730

AUTOMATIC
STARTER
& CHARGER



9/17 A 12 V
STARTUP 80

3 in 1
= CHARGE
+ TEST
+ START

024922
025127



PATENTS REGISTERED NUMBERS
001652090-0002
EUROPEAN TRADEMARK & DESIGN

START UP 80



Fuses 50 A x 2 (Start 200)
054622

Fuses 80 A x 2 (Start 300)
054653

Fuses 150 A x 2 (Neostart 320)
054639



Fuses 200 A x 2
(Neostart 420, 620 & Gystart 1224 T)
054547

MADE IN
GYS CHINA

MADE IN
FRANCE

TRADITIONAL
STARTERS
& CHARGERS



11 A 12 V
START 200

025530



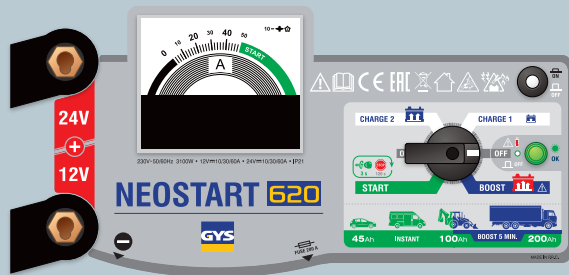
8/10 A 12/24 V
START 300

025547



25 A 12/24 V
NEOSTART 320

025301
025509



45 A 12/24 V
NEOSTART 420

025295
025479



60 A 12/24 V
NEOSTART 620

025288
025486



AUTOMATIC
STARTERS
& CHARGERS



70 A 12/24 V
GYSTART 1224 T

025394

400 V TRI



included

POWER
CONTROL



5m

TRI
400V
3ph

		I ₁		CHARGE W	START kW	CHARGE							START				
							Effcace / RMS	Moyen / Average (EN 60335)	Boost	Automatic	Manual		1V/C	0V/C			Fuse
MADE IN GYS CHINA	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	—	—
	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
	START 300	230V	13 A	12 V	800	3,6	3	13-36 A	10 A	23 A	—	•	42>300 Ah	100 A	165 A	—	80 A
			13 A	24V	1 200	3,6			8 A	17 A			38>224 Ah				
	NEOSTART 320	230V	13 A	12/24V	800	6,5	3	40 A	10 A	40 A	—	•	20 > 700 Ah	160 A	270 A	—	
	NEOSTART 420	230V	16 A	12/24V	1700	9	3	70 A	20 A	40 A			20 > 1000 Ah				
NEOSTART 620	230V	16 A	12/24V	2000	10	3	90 A	30 A	60 A	—	•	20 > 1350 Ah	360 A	620 A	—		
MADE IN FRANCE	GYSTART 1224 T	400 V (TRI)	16 A	12/24V	2500	20	3	80 A	70 A	—	•	•	65 > 1350 Ah	780 A	1200 A	•	

	Recommendation		50 Ah > > > 100 Ah > > > 150 Ah > > > 200 Ah > > 300 Ah											
START UP 80	12V		35 > 50 Ah										12 x 18 x 32 cm	4,4 kg
START 200	12V		35 > 40 Ah	40 > 80 Ah									37 x 26 x 18 cm	8,6 kg
START 300	12V 24V		35 > 50 Ah	50 > 100 Ah									40 x 33 x 23 cm	13,8 kg
NEOSTART 320	12V 24V		50 > 80 Ah	80 > 120 Ah									41 x 30 x 21 cm	15,6 kg
NEOSTART 420	12V 24V		50 > 120 Ah	120 > 160 Ah									47 x 32 x 27 cm	20,5 kg
NEOSTART 620	12V 24V		60 > 180 Ah	180 > 200 Ah									47 x 32 x 27 cm	24 kg
GYSTART 1224 T	12V 24V		60 > 250 Ah	250 > 300 Ah									42,5 x 34,5 x 71 cm	54,5 kg

AUTOMATIC STARTERS & CHARGERS

AUTOMATIC CHARGE = Batium

p. 47

AUTOMATIC RECOVERY

ALL BATTERIES

AUTOMATIC CONTROL

(autoselection)



AUTOMATIC CHARGE = Batium

p. 47

AUTOMATIC RECOVERY

ALL BATTERIES

AUTOMATIC CONTROL

(autoselection)



TEST ALTERNATOR

TIMER

TEST ALTERNATOR

TIMER

TEST ALTERNATOR

TIMER

TEST ALTERNATOR

TIMER

35/50 mm²

3 in 1 CHARGER, STARTER & BSU

TEST ALTERNATOR

TIMER

POWER SUPPLY DIAG+ 60A
U2 adjustable 12V > 15V

25 A

12/24V

STARTIUM 330E

40 A

12/24V

STARTIUM 480E

45 A

12/24V

STARTIUM 680E

50 A

12/24V

STARTIUM 980E

60 A

12V

DIAG STARTIUM 60-12

60 A

6/12/24V

DIAG STARTIUM 60-24

026469

026483
025578

026490
025585

026506

026513

026520
025592



Fuses 100 A x 2 (Startium 330E)
054394

Fuses 200 A x 2 (480E, 680E, Diag, 60-12, 60-24)
054547

Fuses 250 A x 2 (980E)
055568

AUTOMATIC STARTERS/CHARGERS

		I ₁		CHARGE kW	START kW	CHARGE						START			BSU
							Efficace / RMS	Moyen / Average (EN 60335)	Boost	Automatic		1V/C	0V/C	AUTO START	
	50/60 Hz										min > max				
STARTIUM 330E	230V	16 A	12/24V	0,8	6,5	4	40 A	25 A	—	•	12 V : 20 > 370 Ah 24 V : 20 > 300 Ah	165 A 130 A	270 A 210 A	•	—
STARTIUM 480E	230V	16 A	12/24V	1,7	9	4	65 A	30 A	40 A	•	12 V : 20 > 600 Ah 24 V : 20 > 450 Ah	280 A 210 A	390 A 290 A	•	—
STARTIUM 680E	230V	16 A	12/24V	2	10	4	75 A	30 A	45 A	•	12 V : 20 > 675 Ah 24 V : 20 > 525 Ah	380 A 270 A	550 A 380 A	•	—
STARTIUM 980E	230V	16 A	12/24V	2	12	4	80 A	40 A	50 A	•	12 V : 20 > 750 Ah 24 V : 20 > 525 Ah	500 A 400 A	720 A 560 A	•	—
DIAG STARTIUM 60-12	230V	16 A	12V	2	10	4	95 A	60 A	—	•	12 V : 20 > 900 Ah	310 A	440 A	•	•
DIAG STARTIUM 60-24	230V	16 A	6/12/24V	2	10	4	65 A	40 A	—	•	6 V : 20 > 900 Ah	—	—	•	•
							95 A	60 A			12 V : 20 > 900 Ah	300 A	430 A		
							65 A	40 A			24 V : 20 > 525 Ah	280 A	410 A		

AUTOMATIC STARTERS/CHARGERS + BSU

 Recommendation		 50 Ah > > > > 100 Ah > > > > 150 Ah > > 200 Ah									
											
STARTIUM 330E	12V 24V									43 x 26 x 26 cm	15 kg
STARTIUM 480E	12V 24V									Instant Precharge (≈10 min) 31 x 48 x 80 cm	26 kg
STARTIUM 680E	12V 24V									31 x 48 x 80 cm	30 kg
STARTIUM 980E	12V 24V									31 x 48 x 80 cm	36 kg
DIAG STARTIUM 60-12	12V									48 x 35 x 90 cm	34 kg
DIAG STARTIUM 60-24	6V 12V 24V									48 x 35 x 90 cm	34 kg



POWER
SUPPLY
12 V / 18 Ah



18 Ah
INSIDE

1V/C

480 A

1 250 A

12V

GYSPACK AUTO / GYSPACK 400







POWER
SUPPLY
12 V / 18 Ah



18 Ah
INSIDE

1V/C

480 A

1 250 A

12V

GYSPACK AIR







POWER
SUPPLY
12 V / 22 Ah



22 Ah
INSIDE

1V/C

600 A

1 750 A

12V

GYSPACK PRO







SPIRAL TECHNOLOGY



POWER
SUPPLY
12 V / 28 Ah



28 Ah
INSIDE

1V/C

750 A

2 500 A

12V

GYSPACK 750





POWER
SUPPLY
12 V / 44 Ah

22 Ah + 22 Ah
INSIDE

1V/C

750 A (12V)
650 A (24V)

3 200 A

12V

1 600 A

24V

STARTPACK TRUCK





WU

included GYSPACK AUTO, GYSPACK 400, GYSPACK AIR, GYSPACK PRO

AUTOMATIC CHARGER
⊕ Power in 230V / 12V

054677
054660



p. 47



I REGULATED
I VOU
FAST CHARGE

included GYSPACK 750, STARTPACK TRUCK

AUTOMATIC CHARGER
⊕ Power in 230V / 12V

054684
054691





FV FLEXIBLE
VOLTAGE

100V 240V

p. 47

Après chaque utilisation
After each use
Nach jeder Anwendung

	12V	START												
	Inside		1V/C	Cranking CC	Peak Battery					Power Supply	EXTERNAL Charge 230V			
GYSPACK AUTO/400	18 Ah	12V	480 A	900 A	1250 A	—	—	—	—	⊗ 12V DC	12V DC	•	33 x 14 x 35 cm	7 kg
GYSPACK AIR	18 Ah	12V	480 A	900 A	1250 A	•	•	4 bars	—	⊗ 12V DC	12V DC	•	35,5 x 19,5 x 43 cm	10 kg
GYSPACK PRO	22 Ah	12V	600 A	1100 A	1750 A	•	•	—	—	⊗ 12V DC	12V DC	•	34 x 20 x 43 cm	8,9 kg
GYSPACK 750	28 Ah	12V	750 A	1450 A	2500 A	•	•	2 x 200 A	—	⊗ 12V DC	12V/2 A DC	•	36 x 20 x 43 cm	14 kg
STARTPACK TRUCK	2 x 22 Ah	12V 24V	750 A 650 A	1450 A 1300 A	3200 A 1600 A	•	•	1 x 300 A	—	⊗ 12V DC	12V/2 A DC	—	38,9 x 22,5 x 50 cm	16 kg

		50 Ah	>	>	>	>	100 Ah	>	>	>
Recommendation										
GYSPACK AUTO/400										
GYSPACK AIR										
GYSPACK PRO										
GYSPACK 750										
STARTPACK TRUCK										

OPTION

MEMORY AUTO SAVE CABLE OBD 1,5 m

054202

for GYSPACK AUTO,
GYSPACK 400,
GYSPACK AIR,
GYSPACK PRO,
GYSPACK 750,
STARTPACK TRUCK



Fuse 7,5 A

Fuses 200 A x2
GYSPACK 750
054547

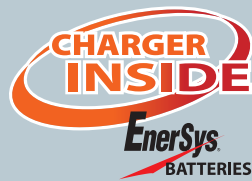


Fuse 300 A x2
STARTPACK TRUCK
054561



MADE IN GYS CHINA

BOOSTERS CAR + TRUCK



16 Ah
INSIDE
1V/C
640 A

1 800 A 12V
GYPACK 650

026254



30 Ah
INSIDE
1V/C
830 A

3 100 A 12V
GYPACK 810

026278



16 Ah + 16 Ah
INSIDE
1V/C
900 A (12 V)
700 A (24 V)

3 600 A 12V
1 800 A 24V ★
STARTPACK 12.24

026285



30 Ah + 30 Ah
INSIDE
1V/C
1300 A (12 V)
1200 A (24 V)

6 200 A 12V
3 100 A 24V ★★ ★
STARTPACK PRO 12.24

026346



50 Ah + 50 Ah
INSIDE
SPIRAL TECHNOLOGY
1V/C
1600 A (12 V)
1400 A (24 V)

8 500 A 12V
4 250 A 24V ★★ ★★ ★
STARTPACK PRO 12.24 XL

026711

STANDARD

NEW

STANDARD CABLES

1000 A - 70 mm² - 2 m 026797
1000 A - 70 mm² - 4 m 026827

MAN / BUS

NEW

MAN / BUS CABLES
2 m - 70 mm²
026841

MAN CONNECTOR
026834

NATO

NEW

NATO CABLES
2 m - 50 mm²
026803



NATO ID / NCAGE :
F8154 CG730

NATO CONNECTOR
026780

12V



> > 80 Ah > 120 Ah

GYPACK 650

GYPACK 810



SMART STARTER MANAGEMENT SYSTEM



INCLUDED
GYSFLASH XL 6.12



8 step smart charge
Advanced technology

6 A

24V



> > 100 Ah > > 200 Ah > > > > > > >

STARTPACK 12.24

STARTPACK PRO 12.24

STARTPACK PRO 12.24 XL

PRO ★★ ★

PRO ★★ ★★ ★

		12V	START				CHARGER INSIDE	Protection			Power out		Fuse	Fuse	Dimensions	Weight
			Inside	1V/C	Cranking CC	Peak Battery		ON	OFF	Memory	12V DC	24V				
GYPACK 650	026254	16 Ah	12V	640 A	1200 A	1800 A	3 A	•	•	•	12V DC	15 A	200 A	2 x 1,4 m ø 25 mm²	23 x 35 x 35 cm	13 kg
GYPACK 810	026278	30 Ah	12V	830 A	1700 A	3100 A	3 A	•	•	•	12V DC	15 A	2 x 200 A	2 x 1,8 m ø 35 mm²	18 x 38 x 31 cm	16,6 kg
STARTPACK 12.24	026285	2x16 Ah	12V	900 A	1700 A	3600 A	7 A	•	•	•	—	20 A	2 x 200 A	2 x 1,8 m ø 35 mm²	21 x 35 x 56 cm	23,5 kg
STARTPACK PRO 12.24	026346	2x30 Ah	12V	1300 A	2400 A	6200 A	7 A	•	•	•	—	20 A	2 x 200 A	2 x 2 m ø 50 mm²	12 x 64 x 97 cm	45,5 kg
STARTPACK PRO 12.24 XL	026711	2x50 Ah	12V	1 600 A	3 000 A	8 500 A	6 A outside	•	•	•	—	—	300 A	2 x 2 m ø 70 mm²	43 x 53 x 104	71 kg



Fuses 200 A x 2
054547



Après chaque utilisation
After each use
Nach jeder Anwendung

OPTION
MEMORY AUTO SAVE
CABLE OBD 1,5 m

054202

Fuse 7,5 A



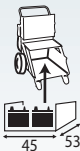
BOOSTER
TRUCK & BUS

CHARGER
AUTOMATIC X2



12/24V
ENERGY STATION

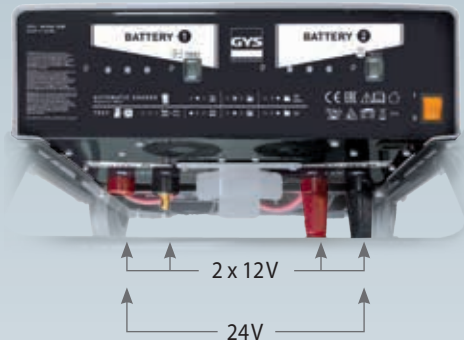
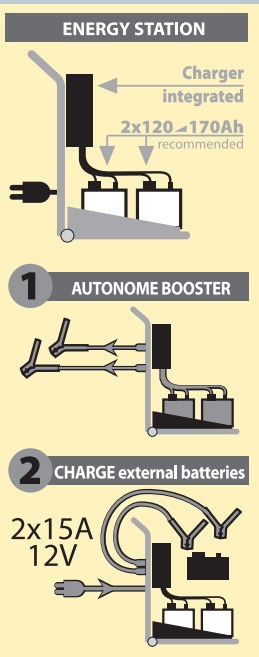
026148



Batteries non fournies
Batteries not provided
Ohne Batterie geliefert



Après chaque utilisation
After each use
Nach jeder Anwendung



OPTION
Kit roues mousse polyuréthane
/Wheel kit/Räder-Kit
053212



Recommendation



Charge
External batteries

ENERGY STATION

12V 24V

OK

ENERGY STATION

START	CHARGE				Efficace / RMS	Fuse	70 x 62 x 92 cm	36 kg + batteries	2 x 2,5 m - ø 35 mm²
	12V	24V	min > max	Moyen / Average (EN 60335)					
selon batteries /according to battery /je nach Batterie	•	•	35 > 225 Ah	2 x 15 A	2 x 22 A	2 x 30 A			

MEMORY
AUTO SAVE

GYSPACK OBD

SAUVEGARDE MÉMOIRE OBD / Memory auto save
/ Speichersicherung / Salvaguardia memorias
/ Salvaguardas de memória / Αυτομάτη αποθήκευση ρυθμίσεων
/ Сохранение настроек/ 记忆储存器

054998

055001



OBD



230V
Après chaque utilisation
After each use
Nach jeder Anwendung



Automatic
TIMER STOP

< 4 A

INSIDE	MEMORY SAVER		25 x 18 x 25 cm	3 kg
	OBD			
12V 7 Ah	< 4 A	< 4 A		

CABLE OBD - Câble OBD - Kabel für OBD

054202

1,5 m
Fuse 7,5 A



BOOSTERS LITHIUM

SPECIAL HOBBY • Utilisation non professionnelle
• Not professional use • Nicht für gewerbliche Belastung



200 A
NOMAD POWER 10

026384
026537



300 A
NOMAD POWER 15

026377
026544



350 A
NOMAD POWER 20

026629
026650



300 A 12V
400 A 24V
NOMAD POWER 12.24

026636
026667



INCLUDED
NOMAD POWER
10, 15, 15 AIR, 20
& 12.24

SMART CABLES
MULTI SECURITIES



200 A
NOMAD POWER PRO 45

026391
026551



400 A
NOMAD POWER PRO 90

026438
026568



NOMAD POWER 10											
NOMAD POWER 15											
NOMAD POWER 20											
NOMAD POWER 12.24											
NOMAD POWER PRO 45											
NOMAD POWER PRO 90											

INCLUDED NOMAD POWER PRO 45 & 90



OPTION (NOMAD POWER PRO 90)

MEMORY AUTO SAVE
CABLE OBD 1,5 m

054202

Fuse 7,5 A



SAFETY FEATURES :
Anti-short polarity
Anti-short circuit
Anti-reverse current

ONLY NOMAD POWER PRO :
Charging low temp. cut-off
Discharging low temp. cut-off
Over heat cut-off
Over discharged cut-off
Over charged cut-off



	LITHIUM		START CURRENT	PEAK CURRENT	START CABLE	SMART CABLES	INPUT	MICRO USB Type B
	CAPACITY/CELL	FULL CHARGE						
NOMAD POWER 10	4 Ah - 44.4 Wh	5 h	200 A	400 A	12V, PETROL & DIESEL	12V - 1 A	• MULTI SECURITIES	12V/1 A
NOMAD POWER 15	5 Ah - 55.5 Wh	5 h	300 A	600 A	12V, PETROL & DIESEL	12V - 1 A	• MULTI SECURITIES	14V/1 A
NOMAD POWER 20	6 Ah - 66.6 Wh	6 h	350 A	700 A	12V, PETROL & DIESEL	12V - 1 A	• MULTI SECURITIES	14V/1 A
NOMAD POWER 12.24	9 Ah - 99.9 Wh	10 h	300 A (12V), 400 A (24V)	600 A (12V), 800 A (24V)	12V/24V, PETROL & DIESEL	12V - 1 A	• MULTI SECURITIES	12V/24V/2 A
NOMAD POWER PRO 45	4.5 Ah - 49.95 Wh	4,5 h	200 A	400 A	12V, PETROL & DIESEL (<3500 C.C.) (<2000 C.C.)	12V - 1 A	•	12V/1 A
NOMAD POWER PRO 90	9 Ah - 99.9 Wh	9 h	400 A	800 A	12V, PETROL & DIESEL (<6000 C.C.) (<3500 C.C.)	12V - 1 A	•	12V/1 A

OUTPUT	POWER SUPPLY				LIGHT		cm	kg
	Mobile Phone, Camera, Laptop	Car Stereo, GPS, Tablet	USB	OBD	Light	MODES		
5V/2 A - 19V/3.5 A	•	—	1	—	2 x LEDs	LIGHT / S.O.S. / SPOT	17 x 8,2 x 3,2	0,408
5V/4 A - 12V/12 A - 19V/3.5 A	•	•	2	—	1 x LED	LIGHT / S.O.S. / SPOT	16,5 x 8 x 3,8	0,476
5V/2.1 A - 5V/1 A - 12V/10 A - 19V/3.5 A	•	•	2	—	1 x LED	LIGHT / S.O.S. / SPOT	22,5 x 9 x 3	0,680
5V/2.1 A - 5V/1 A - 12V/10 A	•	•	2	—	35 x LEDs	LIGHT / S.O.S. / SPOT	20 x 16,5 x 9	1,5
5V/2 A	•	—	1	—	1 x LED	LIGHT / S.O.S. / SPOT	20,2 x 14,5 x 5,5	0,820
5V/2 A - 12V/3.5 A	•	•	1	OPTION (via cigarette plug)	1 x LED	LIGHT / S.O.S. / SPOT	26,7 x 19,5 x 5	1,250

BOOSTERS LITHIUM PRO

BATTERYLESS BOOSTERS

BOOSTERS SANS BATTERIE
BOOSTER 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°C/+65°C

300 A 12V
STARTRONIC 400



550 A 12V
STARTRONIC 600



500 A 12V
800 A 24V
STARTRONIC 12.24



GO > 5V

GO > 5V

GO > 7V



INCLUDED
STARTRONIC 400, 600 & 800
12V

SUPER CAPACITORS

- ✓ 1 MILLION CYCLES
- ✓ ULTRA FAST CHARGE
- ✓ NO CHARGE STORAGE
- ✓ NO STARTS LIMIT
- ✓ SMART STARTER MANAGEMENT SYSTEM

GO > 1V



FULL PROTECTION
-40°C/+65°C

2 years
PRO

1600 A 12V
GYSCAP 500E



Cables 100% Cu
35 mm² / L 1,8 m

EASY CHARGE



		INPUT CHARGE		Charging time									
START	1V / C	Number of Capacitors	Integrated Inverter	12 V		12 V / 10 A		5 V / 2 A		cm	kg		
				OFF	ON	OFF	ON	MICRO USB Type B					
STARTRONIC 400	300 A	12V	5 x 350 F	•	2 min	30 s	2 min	2 min	5 V/2 A	15 min	17 x 8,2 x 3,2	0,408	
STARTRONIC 600	550 A	12V	5 x 500 F	•	3 min	45 s	3 min	3 min	5 V/2 A	20 min	21,5 x 14,8 x 5	1,42	
STARTRONIC 800	800 A	12V	5 x 800 F	•	4 min	60 s	4 min	4 min	5 V/2 A	40 min	26,7 x 19,5 x 5	1,86	
STARTRONIC 12.24	500 A	12V	10 x 750 F	•	4 min	60 s	4 min	4 min	—	—	29,5 x 23 x 9	3,3	
	800 A	24V											
GYSCAP 500E	1600 A	12V	6 x 3000 F	—	—	120 s	—	15 min	—	—	35 x 44 x 19	10	

STARTRONIC 400											
STARTRONIC 600											
STARTRONIC 800											
STARTRONIC 12.24											
GYSCAP 500 E											

TESTERS TRADITIONAL

12 V 20 > 100 Ah
TBP 100

055131



12 V 10 > 160 Ah
TBP 500

055148



TESTERS ELECTRONIC

12 V 7 > 230 Ah
BT 001

056640



12 V 20 > 150 Ah
NBT 100

024151



12 V 20 > 150 Ah
+ alternator
NBT 200

024168



12 V 4 > 150 Ah
DBT 300

024175



6/12 V 7 > 230 Ah
DBT 400

024182



TESTERS ELECTRONIC & PRINTER

12 V 30 > 200 Ah
+ alternator (12 V)
PBT 550

024199



x2 (included)



12 V 30 > 200 Ah
+ alternator (12/24 V)
PBT 600

024205



x2 (included)



			TEST				 PRINT PAPER	DIGITAL	 RESULT	 TEMPERATURE COMPENSATION			
			BATTERY A	BATTERY V	CHARGING & STARTING SYSTEM VEHICLE								
MADE IN P.R.C.	TBP 100 <i>traditional</i>	6-12 V	20>100 Ah	•	•	12V	—	—	5/10s	15 min	—	16x1.8x30 cm	1.5 kg
	TBP 500 <i>traditional</i>	12 V	10>160 Ah	•	•	12V	—	—	15s	15 min	—	27x26x13 cm	3.75 kg
	BT 001 <i>electronic</i>	12 V	7>230 Ah	—	•	12 V	—	LED	1s	instant	—	3x12x1.5 cm	0.29 kg
MADE IN TAIWAN	NBT 100 <i>electronic</i>	12 V	20>150 Ah	•	min 7 V	—	—	•	1s	instant	—	7x1.5x12cm	0.25 kg
	NBT 200 <i>electronic</i>		20>150 Ah	•	min 7 V	12 V	—	•	1s	instant	—	7x1.5x12 cm	0.25 kg
	DBT 300 <i>electronic</i>		4>150 Ah	•	min 4,5 V	12 V	—	rétro-éclairé /back-lit	1s	instant	—	12x7.9x22.7 cm	0.25 kg
	DBT 400 <i>electronic</i>	6-12 V	7>230 Ah	•	min 1,5 V	12 / 24 V	—	rétro-éclairé /back-lit	1s	instant	•	11.5x5x19cm	0.8 kg
MADE IN P.R.C.	PBT 550 <i>electronic</i>	12 V	30>200 Ah	•	min 6 V	12 V	•	rétro-éclairé /back-lit	1s	instant	•	55x25 cm	0.55 kg
	PBT 600 <i>electronic</i>	12 V	30>200 Ah	•	min 8 V	12 / 24 V	•	rétro-éclairé /back-lit	1s	instant	•	55x25cm	1.1 kg

i Recommendation	TEST		PRINT PAPER	LIQUID				START /STOP ENGINE	EFC	AGM VRLA/GEL	VEHICLE				
	batteries/Battery/Ladegeräte	Circuit alternatif/Alternator Circuit/Lichtmaschinen Schaltkreis		LIQUID	START /STOP ENGINE	EFC	AGM VRLA/GEL				Motorcycle	Car	Van	Truck	Tractor
TBP 100 traditional	6V 12V	12 V	—	•	—	—	—	—	—	—	20 > 100 Ah				
TBP 500 traditional	12V	12 V	—	•	—	—	—	—	—	—	10 > 160 Ah				
BT 001 electronic	12V	12 V	—	•	•	•	•	—	—	—	7 > 230 Ah				
NBT 100 electronic	12V	—	—	•	—	—	—	—	—	—	20 > 150 Ah				
NBT 200 electronic	12V	12 V	—	•	—	—	—	—	—	—	20 > 150 Ah				
DBT 300 electronic	12V	12 V	—	•	•	•	•	—	—	—	4 > 150 Ah				
DBT 400 electronic	6V 12V	12 V 24 V	—	•	•	•	•	—	—	—	7 > 230 Ah				
PBT 550 electronic	12V	12 V	•	•	•	•	•	—	—	—	30 > 200 Ah				
PBT 600 electronic	12V	12 V 24 V	•	•	•	•	•	—	—	—	30 > 200 Ah				

TESTERS

ELECTRONIC & PRINTER

6/12 V 7 > 230 Ah
+ alternator
BT551 START-STOP DHC

055452



BT551 DHC
x2 (included)
056220



ALL BATTERIES

8 LANGUAGES • SPRACHEN



6/12 V 7 > 230 Ah
+ alternator
BT2010 START-STOP DHC

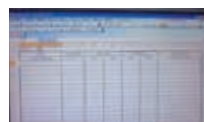
055339



BT2010 DHC
x1 (included)
056237



ALL BATTERIES



GESTION LOGICIELLE DE LA BATTERIE
BATTERY MANAGEMENT SOFTWARE
SOFTWARE BATTERIE MANAGEMENT

7 LANGUAGES • SPRACHEN



CONNECTED TESTERS

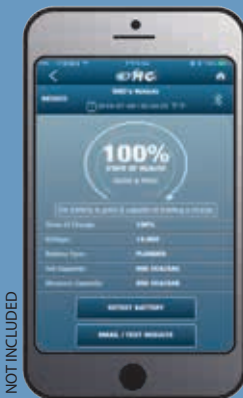
ELECTRONIC & PRINTER

6/12 V 7 > 230 Ah
+ alternator
BTW 300 DHC

056664



ALL BATTERIES



NOT INCLUDED

Download on the
App Store

GET IT ON
Google Play

HIGH TECH BT MOBILITY
TRACK DATA
by E-devices

BATTERY MONITOR
- Indicateur de charge sans fil
- Wireless battery monitor

024212

NEW
04/2018

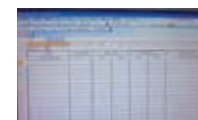


6/12 V 7 > 230 Ah
+ alternator
BT 2100 DHC

056657



ALL BATTERIES



GESTION LOGICIELLE DE LA BATTERIE
BATTERY MANAGEMENT SOFTWARE
SOFTWARE BATTERIE MANAGEMENT

7 LANGUAGES • SPRACHEN



			TEST			PRINT PAPER	DIGITAL	RESULT		TEMPERATURE COMPENSATION		
			BATTERY A	BATTERY V	CHARGING & STARTING SYSTEM VEHICLE							
BT 551 DHC electronic	6-12 V	7>230 Ah	•	min 1,5 V	12 V 24 V	•	rétro-éclairé /back-lit	1s	instant	•	11x4x19,5 cm	0,4 kg
BT 2010 DHC electronic	6-12 V	7>230 Ah	•	min 1,5 V	12 V 24 V	•	rétro-éclairé /back-lit	1s	instant	•	13x6,4x25,1 cm	0,7 kg
BTW 300 DHC electronic	6-12 V	7>230 Ah	•	min 1,5 V	12 V 24 V	—	—	1s	instant	•	10x3x7 cm	0,33 kg
BT 2100 DHC electronic	6-12 V	7>230 Ah	•	min 1,5 V	12 V 24 V	•	rétro-éclairé /back-lit	1s	instant	•	13x6,4x25,1 cm	0,7 kg
BATTERY MONITOR	12-24 V	7>230 Ah	—	min 7 V	12 V 24 V	—	—	1s	instant	—	6,5x5x1,5 cm	0,1 kg

	TEST											
	batteries/Battery/Ladegeräte	Circuit alternateur/Alternator Circuit/Lichtmaschinen Schaltkreis	PRINT PAPER	LIQUID	START/STOP ENGINE	EFB	AGM VRLA/GEL					
BT 551 DHC electronic	6V 12V	12 V 24 V	•	•	•	•	•					7 > 230 Ah
BT 2010 DHC electronic	6V 12V	12 V 24 V	•	•	•	•	•					7 > 230 Ah
BTW 300 DHC electronic	6V 12V	12 V 24 V	—	•	•	•	•					
BT 2100 DHC electronic	6V 12V	12 V 24 V	•	•	•	•	•					7 > 230 Ah
Battery monitor	12V 24V	12 V 24 V	—	•	•	•	•					7 > 230 Ah

POWER INVERTER

12V • 24V
> 230V

Available in
UK socket

CONVERGYS 150

027022
027039



CONVERGYS 300

027053
027046



PSW PURE SINE WAVE

PSW 6042U

12 V

027121
027138



PSW 6043U

12 V

027176
027183



PSW 6047U

12 V

027206
027213



PSW PURE SINE WAVE

PSW 6047U

24 V

027251
027268



MSW MODIFIED SINE WAVE

MSW 82 000

24 V

027237
027244



DHC 54E STATION MULTICHARGE POUR BATTERIES

- Multi charge station for batteries - Multi-Ladestation für Starterbatterien

Multicharge Station DHC 54E

025097



Charge automatique • Automatic charge
• Automatischer Ladevorgang

4 x 5A 12V (liquid/gel)
5 étapes • 5 steps • 5 Schritte
Pulse/Boost/Egalisation/100%/Floating
Maintenance/Zusatzhülenskit

10 100 Ah

KIT SOLAIRE DE MAINTIEN DE CHARGE - Solar powered charger

- Solarpanel zur Ladeerhaltung - Kit solar de mantenimiento de carga -
Солнечная панель для поддержания заряда в наборе с аксессуарами



LAMPES LED - LED Lights - Arbeitsleuchte - Lámpara - Lampada - Werklamp

15W LED COB
2.5h operating time
3.7 V, 2200 mAh Li-ion battery
375 x 40 x 30mm
057760
058309



4W COB LED work light
1W top LED

Li-ion battery
Charging time : 8h

HIGH position :
2.5 h operating time

LOW position :
5 h operating time
Top LED : 6 hours

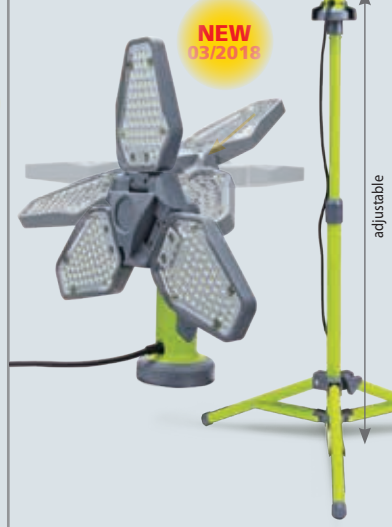
3 strong magnets
2 swivel hooks

059153

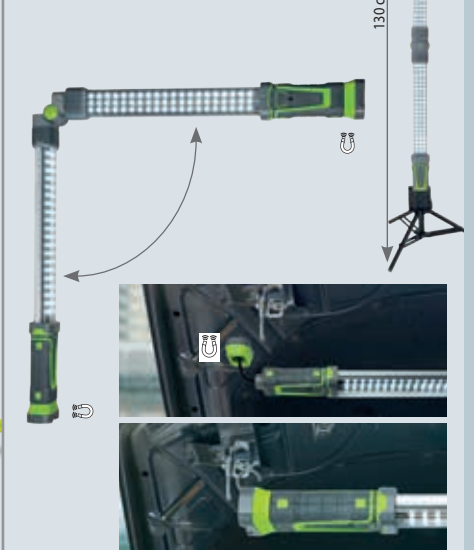


3x 55 SMD LEDs, total 165 LEDs.
Brightness 1800 lumens
1.8m power cord
Tripod stand
with lock Built-in hook.

059146



120 LEDs - 800 lumen
3h/6h operating time
3.7 V - 4000 mAh Li-Ion battery
058002
058316



	Power	Peak power	Pure Sin Wave	Optimum Efficiency	Input DC	Output AC	Output USB (2.1) DC	max 150W	Universal	Input	Output	Weight
CONVERGYS 150	150W	300W	—	90,5 %	12V	230V	5V · 2 A	•	•	•	6 x 10 x 5 cm	0,34 kg
CONVERGYS 300	300W	600W	—	85 %	12V	230V	5V · 2 A	•	•	•	10 x 15 x 6 cm	0,85 kg
PSW 6042U	400W	800W	•	85 %	12V	230V	5V · 2 A	•	•	•	18 x 18 x 7 cm	1,2 kg
PSW 6043U	600W	1200W	•	85 %	12V	230V	5V · 2 x 2 A	—	•	•	18 x 20 x 7 cm	2,3 kg
PSW 6047U 12V	1500W	3000W	•	85 %	12V	230V	5V · 2 x 2 A	—	—	•	18 x 31 x 7 cm	4 kg
PSW 6047U 24V	1500W	3000W	•	85 %	24V	230V	5V · 2 x 2 A	—	—	•	26 x 19 x 9 cm	5,4 kg
MSW 82 000	2000W	4000W	•	80 %	24V	230V	5V · 2 A	—	cables	•	35 x 20 x 9,8 cm	5,4 kg

Conversion Chart / Table

horse power to watts	watts to horse power
hp = W	W = hp
0,1 = 73,5	100 = 0,1360
0,2 = 147,1	200 = 0,2719
0,3 = 220,6	300 = 0,4079
0,4 = 294,2	400 = 0,5438
0,5 = 367,7	500 = 0,6798
1 = 735,5	1000 = 1,3596
2 = 1471,0	2000 = 2,7192
3 = 2206,5	3000 = 4,0789
4 = 2942,0	4000 = 5,4385

	48h	16h	10h	8h	5h30	4h	2h45	2h45	1h20	0h30	0h20
CONVERGYS 150											
CONVERGYS 300											
PSW 6042U											
PSW 6043U											
PSW 6047U 12V											
PSW 6047U 24V											
MSW 82 000											
ex. 12V • 100Ah											



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Verkaufsregal
060388



FRENCH MANUFACTURER
SINCE 1964

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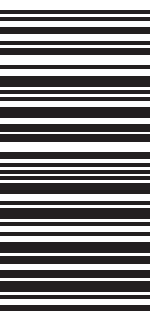
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