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Invest in the Future

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GYSFLASH 18.12 PL-E

Charger for leisure vehicles



The GYSFLASH 18.12 PL-E benefits from an innovative design exclusive to GYS. Each element of the charger is tailored to meet the specific needs of leisure vehicles.

High-performance technology

The GYSFLASH 18.12PL-E is based on high efficiency Inverter technology that offers unparalleled performance. Its 91% efficiency, compared to only 80% for a conventional charger, enables it to halve the energy loss during charging. This translates into a 15% reduction in the energy consumed on the electricity grid. This charger is therefore both economical and environmentally friendly.



+ More economical

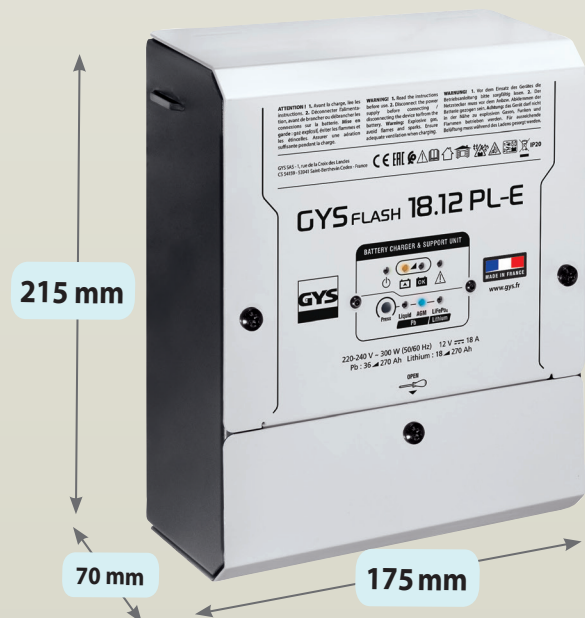
Robust and quiet design

Thanks to its unique aluminium design with no ventilation holes, the GYSFLASH 18.12 PL-E offers a guarantee of solidity and robustness, with a minimum of plastic for environmental friendliness. It is also quiet and will contribute to a peaceful atmosphere within the vehicle.



+ 15% energy savings

Technical specifications



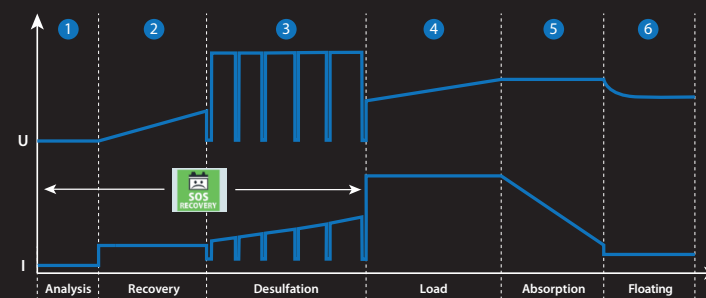
Part number	025806	
Power supply voltage	~ 220-240 V 50 / 60 Hz	
Power	300 W	
Output voltage	12 V DC	
Output current		
I max	25°C @ 100 %	18 A
	40°C @ 100%	16 A
	50°C @ 100%	14 A
Charging capacity	18 à 270 Ah	
Dimensions	215 x 175 x 70 mm	
Weight		



Optimal and gentle charging of the battery

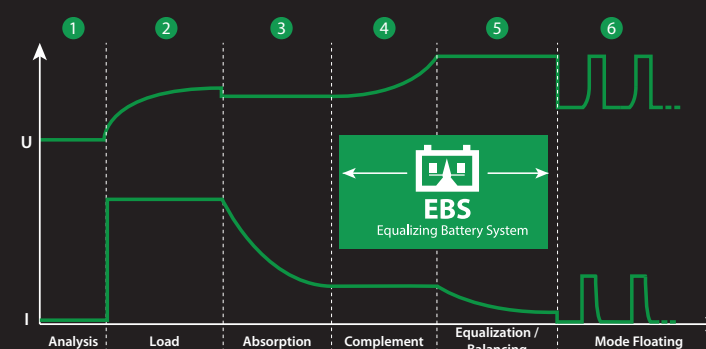
The GYSFLASH 18.12 PL-E is based on its ability to meet the requirements of yesterday's and tomorrow's technologies. This charger is the result of a partnership between GYS, bringing decades of experience in the field of lead batteries, and leading manufacturers in the design of lithium batteries. It ensures quality loads that respect this energy source, which is so precious to the vehicle.

- + Longer battery life
- + Universal and suitable for all types of batteries (Liquid Lead, AGM and Lithium LiFePO4)
- + Energy always available
- + Automatic compensation of electrical appliances



Intelligent lead (Liquid / AGM) charge curve

- Recovery of heavily discharged or sulphated battery cells (SOS recovery)
- Optimised service life thanks to 100% charging
- Safe load holding during winter storage
- Total protection of the on-board electronics and the user



Lithium charging curve takes care of the cells

- Perfect balancing of all the cells of the battery thanks to the unique «EBS» (Equalizing Battery System) technology. A phase that takes into account, in particular, the system of battery management system called «BMS» (Battery Management System)
- Maintaining an adapted load with regular rebalancing
- Reactivation of the batteries entered in protection following a deep discharge, thanks to the «UVP Wake Up» system (Under Voltage Protection)



A product at the forefront of technology



The GYSFLASH 18.12 PL-E has comprehensive safety features to **protect it against short-circuits and polarity reversals**. It has a system that avoids sparks when the charger is connected to the battery and is double insulated, making it perfectly compatible with vehicle electronics.



The GYSFLASH 18.12 PL-E **complies with all current European standards in terms of safety and Electromagnetic Compatibility**.



The GYSFLASH 18.12 PL-E integrates a temperature sensor that allows it to adapt its load current **to avoid overheating of the internal electronics**.



Compliance with electrical household class B limits the generation of interference to a negligible level on the power supply network, **in this way suppressing interference from surrounding equipment**.



Equipped with a PFC (Power Factor Correction), it uses the latest innovative technologies from GYS allowing a cleaner current absorption on the electrical network (**absorbed current reduced by 22%**).

GYS expertise

A team of engineers will assist you in assessing your needs and provide you with solutions tailored to your projects. Our mission is to guarantee a quality service and the proximity of a French group.

Individualized warranty

The chargers have been designed and tested for industrial and professional environments. When you purchase your GYSFLASH E charger from a GYS representative (reseller or distributor), your 2-year warranty is immediately activated.

Updates and manuals


For more information on GYSFLASH E, visit www.gys.fr



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Created in 1964, GYS is a French family group with 700 worldwide employees. With its research centre, GYS is a leading player in the design and manufacturing of welding, battery charging and car-body repair equipment.

 **GYS France (HQ)**
1, rue de la Croix des Landes
53941 Saint-Berthevin
Tél. : (+33) 2 43 01 23 60
www.gys.fr / contact@gys.fr