

## HELVI EXPLORER 120

Reference: 99000084



### HELVI EXPLORER120 Battery charger

HELVI EXPLORER120 is the new concentrated multi-process charger of "connected" inverter technology. HELVI EXPLORER120 is capable of delivering up to 100 Amp and is designed for 12 V lead (GEL, AGM, Liquid, Calcium) and lithium (LiFePO<sub>4</sub>) batteries. The HELVI EXPLORER120 battery charger is ideal as a battery support tool for vehicle demonstration or for reprogramming (diagnostic) phases.

#### Automatic charging:

The HELVI EXPLORER120 battery charger is equipped with an automatic charging function to extend the life and performance of Lead (GEL, AGM, Liquid, Calcium) and Lithium (LiFePO<sub>4</sub>) batteries. The advanced charging software has two distinct curves between Lead and Lithium. An 8-step curve for the former and a 9-step curve for the latter.

#### Advanced functions:

- Auto-detect" charging process that allows charging to start in automatic mode.
- Auto-restart function: in case of power failure the device restarts from the stopping point.
- Calibration function when using charging cables longer than 5 metres (8 metres maximum)
- 11 customisable profiles: possibility to save customised profiles depending on the user

#### Other features:

- USB port: Possibility of adding, deleting or changing charging modes using USB devices.
- Possibility to extract data for analysis.
- Peripheral input: Ability to add external modules such as printers, barcode readers via external input
- 100% safe: it has various control and security systems. Protection against short circuits, reverse polarity, overload. Equipped with temperature sensor to prevent overheating of the electronic part.
- Shock and vibration-proof structure
- Without external ventilation. Advantages: quiet operation and no infiltration of dust or dirt from the outside

The HELVI EXPLORER120 charger is perfect for charging batteries with a 12 V voltage with a current of 100 A.

The HELVI EXPLORER120 battery charger can charge batteries for various types of vehicles and generators. The main applications of the HELVI EXPLORER120 battery charger are in the automotive sector.

HELVI EXPLORER120 is a single-phase battery charger with 230 V power supply and a 50/60 Hz frequency. The HELVI EXPLORER120 battery charger has a rated power of 1600 W.

The nominal charging capacity of the HELVI EXPLORER120 charger is 1200 Ah.

HELVI EXPLORER120 is very compact and extremely light thanks to its weight of about 4 Kg.

#### Technical characteristics of the HELVI EXPLORER120 battery charger:

Phase type: Single-phase  
Voltage: 230 V  
Frequency: 50/60 Hz  
Power: 1600 W

Battery voltage: 12 V  
Charging current: 100 A  
Charging capacity: 1200 Ah 15h  
Charging positions: ?  
Length: 320 mm  
Width: 105 mm  
Height: 292 mm  
Weight: 4.7 Kg

If you are looking for another product similar to the HELVI EXPLORER120 portable charger, then we recommend that you take a look at the entire range dedicated to battery chargers.

Images and technical data are not binding.

## Technical Sheet

Phase	Single phase
Frequency (Hz)	50 / 60
Voltage (V)	230
Power (W)	1600
Adjustment positions	?
Nominal current (A)	100
Charge capacity (Ah)	1200
Battery voltage (V)	12
Charging voltage (V)	12
Length (mm)	320
Width (mm)	105
Height (mm)	292
Product type	Battery Charger
Weight (Kg)	4.7