



## HELVI DIGICAR 1100E

Reference: 99010051

### HELVI DIGICAR1100E Battery charger

HELVI DIGICAR1100E is a new generation professional battery charger/starter with electronic control (microprocessor). The advanced control panel of the HELVI DIGICAR1100E battery charger allows the user to select the type of battery to be charged (AGM, GEL, LIQUID or Universal), 4 different levels of charge (depending on battery capacity), and/or to set a charging time (TIMER). The electronic control of the HELVI DIGICAR1100E charger allows an optimisation of the charge (100%) and does not require removal of the battery. There is no user supervision since the charging process is totally controlled and safe. Once the charging phase is completed, the device will enter the maintenance phase. The battery voltage (12 V or 24 V), after correct connection of the cables, is indicated on the on-board display. During charging it is possible to display the battery voltage and the remaining time. The battery status is also always visible via 3 LEDs on the panel (Low, Medium, Charge). The HELVI DIGICAR1100E battery charger is also equipped with advanced control systems including: reverse polarity, overcurrent, faulty battery indication, safe and protected starting.

**SAFE STARTING:** thanks to the advanced electronic CPS system, the HELVI DIGICAR1100E battery charger allows safe and protected starting of vehicles (12 V or 24 V). Particularly useful for modern vehicles equipped with numerous electronic control units that could be damaged in case of unprotected starting from voltage peaks.

**SUPPLY FUNCTION** that keeps the battery of a 13,7 V vehicle powered during reprogramming phases.

**AUTOMATIC STARTING:** the CPS system does not require remote starting devices. In fact, the HELVI DIGICAR1100E battery charger supplies the starting current only when the user turns the vehicle key.

The HELVI DIGICAR1100E battery charger is perfect for charging batteries with a 12 V or 24 V voltage and a current of 70 A.

The HELVI DIGICAR1100E battery charger can charge batteries for various types of vehicles such as cars, vans and boats. The main applications of the HELVI DIGICAR1100E battery charger are in the automotive, marine, construction and agricultural sectors.

HELVI DIGICAR1100E is a single-phase battery charger with 230 V power supply and 50/60 Hz frequency. The HELVI DIGICAR1100E battery charger has a rated power of 1800 W for a maximum current of 100 A.

The nominal charging capacity of the HELVI DIGICAR1100E charger is 1000 Ah.

HELVI DIGICAR1100E is very compact and comfortable to carry thanks to its wheels and handle despite its weight of about 33 Kg.

#### Technical characteristics of the HELVI DIGICAR1100E battery charger:

Phase type: Single-phase

Voltage: 230 V

Frequency: 50/60 Hz

Power: 1800 W

Battery voltage: 12/24 V

Maximum current: 100 A

Charging current: 70 A

Maximum surge current: 580 Acc

Charging capacity: 1000 Ah 15h

Charging positions: 4 + Boost + Supply

Length: 345 mm

Width: 250 mm

Height: 280 mm

Weight: 33.5 Kg

If you are looking for another product similar to the HELVI DIGICAR1100E 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)	1800
Adjustment positions	4 + Boost + Supply
Nominal current (A)	70
Charge capacity (Ah)	1000
Battery voltage (V)	12 / 24
Charging voltage (V)	12 / 24
Current max (A)	100
Length (mm)	345
Width (mm)	250
Height (mm)	280
Product type	Battery Charger
Weight (Kg)	33.5