

WBC-HANDY Series

Whisper Power Portable Battery Chargers

Your new battery charger will enable you to keep your battery fully charged



Datasheet



WBC-HANDY 20 • WBC-HANDY 70 • WBC-HANDY 150

Fully automatic charger for all types of lead-acid batteries.

Suitable for cars, trucks, motor bikes, boats, caravans, campers etc.

- **Advanced 5 step** + charge algorithm: adapted charging for WET, AGM and GEL batteries, for a perfect charge of your battery.
- **Self adjusted temperature compensation** for hot and cold environment, assuring cold start in winter and preventing from overcharging during the summer.
- **Easy battery size selection** and power supply function enabling forced float charge.
- Equipped with **Charging Status Interface**, indicating charge phase at a glance.
- **Reverse polarity protection** with built-in flashlight, helpful when connecting the WBC charger in the dark.
- Standard supplied with permanent installation kit, for fixed installations.



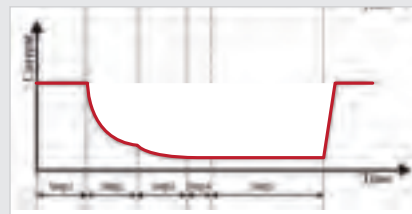
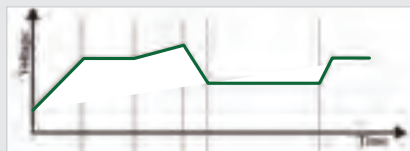
smart energy solutions



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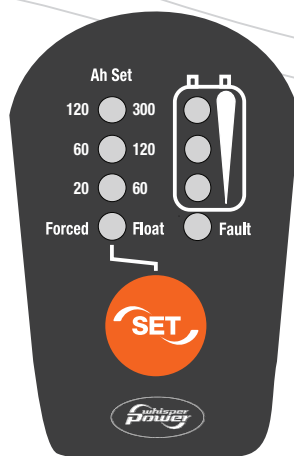
Open lead acid ✓
AGM ✓
GEL ✓

Model:	WBC-Handy 20	WBC-Handy 70	WBC-Handy 150
Art. Nr.	61112002	61112007	61112015
Technical specifications			
Input voltage	220-240 VAC ±10%	220-240 VAC ±10%	220-240 VAC ±15%
Input current	0,5 A	1,5 A	2 A
Back current	≤1mA	≤1mA	≤1mA
Charging Voltage	13,7 – 15,5 VDC at 25°C	13,7 – 15,5 VDC at 25°C	13,7 – 15,5 VDC at 25°C
Charging Voltage Supply	13,7 VDC	13,7 VDC	13,7 VDC
Charging current	Max. 2A	Max. 7A	Max. 15A
Ripple voltage	Max. 70 mV	Max. 70 mV	Max. 70 mV
Ambient temperature	-40..+50°C	-40..+50°C	-40..+50°C
Cooling	Convection	Convection	Convection
Charge Characteristics	5 step IUUU + pulse	5 step IUUU + pulse	5 step IUUU + pulse
Forced Float	13.7 VDC (Maintenance charge)	13.7 VDC (Maintenance charge)	13.7 VDC (Maintenance charge)
Lead-acid battery types	AGM/GEL, WET batteries	AGM/GEL, WET batteries	AGM/GEL, WET batteries
Battery capacity	1 - 40 Ah	1 - 150 Ah (Max 180 Ah)	20 - 300 Ah (Max. 360 Ah)
Cabling	Battery cable 1700 mm	Battery cable 1700 mm	Battery cable 1700 mm
	Power cable 1800 mm	Power cable 1800 mm	Power cable 1800 mm
Dimensions (LxWxH)	130 x 35 x 35 mm	225 x 50 x 50 mm	315 x 65 x 60 mm
International Protection grade	IP54	IP54	IP54
Weight	0.35 Kg	0.5 Kg	0.8 Kg



Getting started

1. Connect the charger's mains plug to a power socket.
2. Connect the charger's red cable clamp to the battery's positive terminal post (+), and the black cable clamp to the battery's negative terminal post (-).
3. Select the correct mode, battery size (Ah) and battery technology (AGM/GEL or WET battery), or 13.7 VDC supply.
4. When the green lamp blinks for the select mode, the battery is fully charged.



Art. Nr.	Item
61112901	WBC-HANDY fixed installation kit
61112911	WBC-HANDY battery fast connect clamps