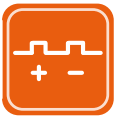


# WBC-HANDY Series

## 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 (only 70&150), helpful when connecting the WBC charger in the dark.
- Standard supplied with permanent installation kit, for fixed installations.



Powering your Lifestyle



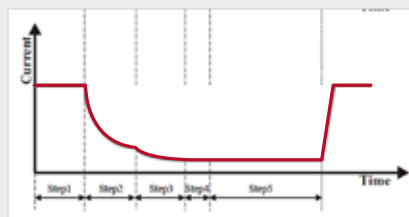
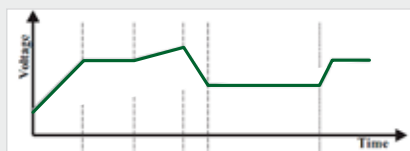
Powering your Lifestyle

Open lead acid ✓  
AGM ✓  
GEL ✓

Model:	WBC-Handy 20*	WBC-Handy 70	WBC-Handy 150
Art. Nr. Europe	61112002	61112007	61112015
Art. Nr. United Kingdom	61112003	61112008	61112016
Technical specifications			
Input voltage	220-240 VAC ±10%	220-240 VAC ±10%	220-240 VAC ±15%
Input current	0,3 A	0.9 A	1.5 A
Back current	≤1mA	≤1mA	≤1mA
Charging Voltage	13,7 – 15 VDC	13,7 – 15 VDC	13,7 – 15 VDC
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 IUUI + pulse	5 step IUUI + pulse	5 step IUUI + 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 1300 mm	Battery cable 1500 mm	Battery cable 1500 mm
	Power cable 1000 mm	Power cable 1400 mm	Power cable 1400 mm
Europe plug	IEC60884	IEC60884	IEC60884
United Kingdom plug	BS1363	BS1363	BS1363
Dimensions (LxWxH)	157 x 33 x 34 mm	225 x 50 x 50 mm	325 x 65 x 60 mm
International Protection grade	IP44	IP54	IP54
Weight	0.35 Kg	0.5 Kg	0.8 Kg

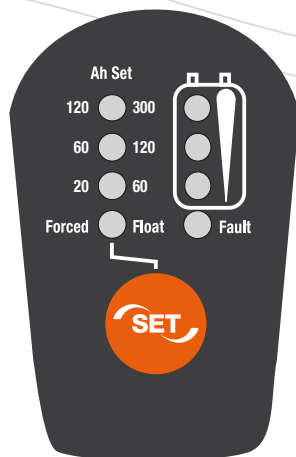


\* Not with integrated flashlight



## 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 4 forced float.
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