



## LITHIUM BATTERY CHARGER WATERPROOF IP65





### PRODUCT DESCRIPTION REBELCELL 12.6V20A

The 12.6V20A Lithium battery charger waterproof (IP65) has been specially engineered to charge the 12V50 AV and up Rebelcell li-ion batteries. The specially designed charging programme ensures that your battery is charged safely and automatically with the correct charging profile (voltage / charging current). The charger shuts off automatically when the charging process is completed.

You can easily monitor the status of the charging process via the LED indicator on the charger. The charger is equipped with a number of protection features such as short-circuit, reverse-polarity and overvoltage protection, which ensure that you can safely use your charger in any situation. This charger is sealed with epoxy resin, making it ideal for permanent installation in your boat.

This charger is only designed for charging a Rebelcell 12V battery. If you charge other batteries than specified, (irreparable) damage may occur.

**Charging times:** 12V70 AV: 4-5 h / 12V100 AV: 6-7 h / 12V140 AV: 9-10 h

-  **Compatible:** to charge 12V50 AV / 12V70 AV / 12V100 AV / 12V140 AV Lithium Battery
-  **Protection:** IP65 waterproof and ideal for permanent installation in your boat
-  **Safety of use:** no risk of overcharging, protected against reverse polarity
-  **Quick charging:** full charging within 3-4 hours (12V50 AV), 4-5 hours (12V70 AV), 6-7 hours (12V100 AV), 9-10 hours (12V140 AV)

TECHNICAL SPECIFICATIONS	
Technology	Automatic charger with advanced high frequency switch mode power supply technology
Efficiency	>91%
Size (in mm)	230 x 135 x 80
Weight	2.6 kg
Weight package	2.9 kg
AC input	230 Volt 50-60Hz
Power	600W
Charging voltage	12.6V
Maximum charge current	20A
Charging profile	Pre-charge/CC/CV/Cut-off
Connector	M8 tongue connector
Charge status indicator	Yes, via LED
Minimal battery voltage	3V
Works at temperature	-10°C to +40°C
COMPATIBLE WITH	CHARGING TIME
12V50 AV Lithium Battery	3-4 h.
12V70 AV Lithium Battery	4-5 h.
12V100 AV Lithium Battery	6-7 h.
12V140 AV Lithium Battery	9-10 h.

ELECTRONICS AND CHARGING INDICATOR	
LED 1	Red <80%
	Yellow >80%
	Green 100%
Over charge protection	Yes
Reverse polarity protection	Yes
Short circuit protection	Yes
Overvoltage protection	Yes
High temperature protection	Yes
Cooling	Yes, forced ventilation with fan to cool charger
Heat sink	Yes, the outside case of the charger functions as heat sink

CERTIFICATION AND WARRANTY	
Warranty	Two years
Certification	CE, ROHS
Standards (IEC 529)	IEC 61000-3-2:2019
Barcode	7106623693155
EAN	8720964630557
Product code	WC12V20REAV
HS code (International / EU)	850440 / 85044060