REBELCELL 12/50

TECHNICAL SPECIFICATIONS

Chemistry

Lithium ion

Voltage

11.1V

Capacity (C1-C20)

50Ah

EqPb (comparable lead battery)

up to 105Ah

Nominal energy

634 Wh

Maximum continuous discharge

50 A

Peak discharge (10 sec)

75 A

Lifetime (#charges) (@ 80% DoD)

1000

Size

195 x 130 x 155 (mm)

Weight

3.9 KG

Energy density

104 Wh/KG

ELECTRONICS & BMS

Bandwidth voltage

9.0V -12.6V

Charge temperature

0°C - 45°C

Discharge temperature

-20°C - 60°C

Storage temperature

0°C - 45°C

Maximum charging current

20A

State of charge indicator

yes, digital

Integrated cell balancing

yes

Temperature protection

yes

Maximum discharge current protection

yes

Overvoltage protection

yes

Undervoltage protection

yes

PROTECTION & CERTIFICATION

Security class (IEC 529)

IP54

CE certificate

yes

Guarantee

two years

**PLEASE REVIEW THE BELOW INFORMATION BEFORE COMPLETING YOUR ORDER**

* **1**Only charge with recommended li-ion battery charger with CC/CV charging profile and 12.6V max 20A voltage.
* **2**Always use a suitable fuse between the battery and trolling motor to protect both, Use battery cables of sufficient thickness with M8 tongue connectors (or ANEN plug connectors) to connect your trolling motor for a safe and reliable connection. Never use crocodile clamps to connect to the battery! These connections are not safe and can result in heat development and damage to your trolling engine and battery. Damage caused by unsuitable connectors or cabling is explicitly excluded from our warranty terms.
* **3**This battery is not suitable for use with caravan movers! The high peak currents can cause irreversible damage to your battery.
* **4**Batteries can be connected in parallel for increased capacity. Always ensure that batteries are of same type, age, and charge status before connecting and use cables of sufficient thickness!
* **5**Our batteries are splash-water proof according to the IP54 standard. They cannot be fully immersed in water or handle heavy rains. To avoid problems use a waterproof battery container or battery bag and position the battery upright on a slightly elevated level so that it is not continuously standing in the water, or water can enter via the top of the battery. Water damage is explicitly excluded from our warranty terms.