



SODIUM-ION TECHNOLOGY
MADE FOR AUSTRALIA

12V 210Ah Sodium-Ion Battery

Technical datasheet · 2,520Wh · 6,000-cycle rated · operates from -30°C

210Ah

CAPACITY

2,520Wh

ENERGY

6,000

CYCLES TO 70%

25kg

WEIGHT

-30°C

DISCHARGE MIN

ELECTRICAL CHARACTERISTICS

Chemistry	Sodium-ion
Nominal voltage	12V
Nominal capacity	210Ah @ 0.2C
Energy	2,520Wh
Cycle life	6,000 cycles @ 0.2C charge/discharge, to 70% capacity

STANDARD CHARGING

Max. charging voltage	15.6V
Charging method	Constant current to cut-off voltage, then stop
Charging current	40A
Max. charging current	100A

STANDARD DISCHARGING

Discharging current	100A
Max. current	200A (1-2 seconds)
Discharge cut-off voltage	6.0V

OPERATING CONDITIONS

Charge temperature	-10°C to 60°C
Discharge temperature	-30°C to 60°C
Storage temperature	-20°C to 45°C

MECHANICAL

Casing	Plastic
Dimensions (L × W × H)	387 × 206 × 273mm
Weight	25kg
Terminal	M8 (customisable)

Specifications at 60 ± 25% relative humidity and supplied by the manufacturer; subject to change without notice. Always confirm suitability, wiring and charger settings for your application before installation.