



B A T T E R I E S

Designed in Australia for our harsh conditions with 4 year warranty.

Intelligent battery management system:

- Voltage protection
- Current protection
- Temperature protection

Lithium Iron Phosphate

12.8V 300AH

Caravan • 4WD • Marine

Motor-homes • Off-Grid



Electrical Characteristics	Chemistry	LiFePO4
	Nominal Voltage	12.8V
	Nominal Capacity	300Ah (C5.25°C)
	Internal Resistance	≥8 mΩ
	Cycle Life	3000 cycles @1C 80% DOD
	Months Self Discharge	<3%
	Efficiency of Charge	100% @ 0.5C
	Efficiency of Discharge	96-99% @ 1C
Standard Charge	Charge Voltage	14.4-14.6
	Charge Current	Up to 125A
	Max Charge Current	250A
	Charge Cut-off Voltage	15.6V ± 0.2V
Standard Discharge	Std Discharge Current	Up to 125A
	Max Discharge Current	250A
	Max Pulse Current	915A(<3s)
	Rec Low Voltage Disconnect	10V
	Charge Temperature	0°C to 45°C @60 25% Relative Humidity
	Discharge Temperature	-20°C to 60°C @60 25% Relative Humidity
	Storage Temperature	0°C to 40°C @60 25% Relative Humidity
	Water Dust Resistance	IP50
Mechanical	BMS	JBD 250A 4S/4P with Bluetooth
	Plastic Case	ABS
	Dimensions (mm)	480x178x295 (480x178x340 incl handles, terminals)
	Weight (kg)	35kg
	Terminal	M8