



PRODUCT SPECIFICATIONS **LH12200**

Battery Capacity	200 Ampere Hour (200Ah) 2560Wh
Nominal Voltage	12V
Battery Chemistry	LiFePO ₄ Chemistry - Prismatic cells
Series Limit	4 (48V)
Parallel Limit	Infinite
Dimensions and Weight	47.0L x 19.0W x 24.0H (cm) - 18.4kg
Operating Temperature	Charge 0°C to 60°C (Heating element engages at 0°C to allow charge) // Discharge from -20°C to 60°C
Operating Voltage	13.6V (4S x 3.4V)
Charge Voltage	14.2V-14.6V, 14.4V recommended
Float Voltage	13.4V-14.0V, 13.8V recommended
Max Cont. Charge Rate	1C (200A)
Max Cont. Discharge Rate	1C (200A)
BMS Features	<ul style="list-style-type: none">• Low temperature battery disconnect (0°C for charge, -20°C for discharge)• Over voltage disconnect (14.8V or above on input)• Low voltage disconnect (Individual cells below 2.7V, battery voltage of 10.8V)• Cell imbalance disconnect (Cell voltage differential of above 0.3V)• Automatic cell voltage balancing• Over current disconnect• Short circuit protection• Bluetooth communication• Low temperature heating (100W heater built into battery, will heat a low temperature battery up to 15°C if the battery has reached a low temperature)
Operational Quiescent Current	10mA
Standby Quiescent Current	0.1 mA
Charge Curve	Constant Current / Constant Voltage - CC/CV
Terminals	M8 Bolts
Warranty	5 Years
Appearance LH12200	

