



PRODUCT SPECIFICATIONS L12100

Battery Capacity	105 Ampere hour (105Ah) 1344Wh
Nominal Voltage	12V
Battery Chemistry	LiFePO ₄ Chemistry - Prismatic cells
Series Limit	4 (48V bank)
Parallel Limit	Infinite
Dimensions and Weight	28.0L x 17.6W x 17.2H (CM) - 9.5KG
Operating Temperature	Charge - 0°C to 60°C // 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 Continuous Charge Rate	1C (100A)
Max Continuous Discharge Rate	1C (100A)
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 (>120A draw, per battery)• Short circuit protection
Operational Quiescent Current	10mA
Standby Quiescent Current	0.1mA
E Marking	E13 - 10R00-10R05-14430-00
Charge Curve	Constant Current / Constant Voltage - CC/CV
Terminals	T1 Standard DIN Post 19.5mm + (pos) and 17.9mm - (neg) with 8mm threads with plastic terminal covers.
Warranty	5 years

Appearance
L12100

