

Wall mounted Lithium battery LP16-48200 (51.2V/200Ah)

Features:

4000 cycles @80% DoD for effectively lower total of ownership cost;
 Low maintenance batteries with stable chemistry;
 Battery Management System (BMS) is incorporated against abuse;
 up to 6 months thanks to its extremely low self discharge (LSD) rate and no risk of sulphation;
 Save time and increase productivity with less down time thanks to superior charge/discharge efficiency;
 Suitable for use in a wider range of applications where ambient temperature is unusually high: up to +60°C;
 Lithium batteries provide more Wh/Kg while also being up to 1/3 the weight of its SLA equivalent.



MODEL		LP16-48200
Nominal voltage		51.2V
Nominal Capacity		200Ah
Nominal energy		10240Wh
Life Cycles		4000+ (80% DoD for effectively lower total of ownership cost)
Recommended Charge Voltage		57.6V
Recommended Charge Current		20.0A
End of discharge voltage		44.0V
Standard method	Charge	40.0A
	Discharge	100.0A
Maximum continuous current	Charge	100.0A
	Discharge	100.0A
BMS Cut-Off Voltage	Charge	<58.4 V (3.65V/Cell)
	Discharge	>32.0V (2s) (2.0V/Cell)
Temperature	Charge	-4 ~ 113 °F (0 ~ 45°C)
	Discharge	-4 ~ 131 °F (-20 ~ 55 °C)
Storage Temperature		23~95 °F (-5~35°C)
Shipment voltage		≥51.2V
Module Parallel		Up to 4 units
Communication		CAN2.0/RS232/RS485
Case Material		SPPC
Dimension (L x W x H)		580 x 420 x230 mm 22.83 x 16.54 x 9.06"
Approx. Weight		180.78 lbs (82 kg)
Charge retention and capacity recovery capability		Standard charge the battery, and then put aside at room temperature for 28d or 55 °C for 7d, Charge retention rate≥90%, Recovery rate of charge≥90