

Palm LITHIUM .com

48V 75Ah 3840Wh LiFePO4 Battery

General - SPECIFICATIONS

Nominal Voltage	51.2 V
Nominal Capacity	75 Ah
Chemistry	LiFePO4
Cell Type	Cylinder
25 Amp Discharge (100% DOD)	180 minutes
Watt-Hour	3840
Cycle Life	Based on DOD
Length Excluding Handles (inches)	19.5
Width (inches)	10.5
Height Excluding Terminals (inches)	9
Weight (lbs)	78
Battery Case	ABS - Plastic
Terminal Torque	80 - 100 in-lbs
Terminal Type	M8 x 1.25
Self Discharge	3% per Month
Maximum Batteries in Series	1
Maximum Batteries in Parallel	1
BCI - Battery Group Size	8D
Battery Use	Deep Cycle

Discharge - SPECIFICATIONS

Continuous Discharge Current	100 A
Surge Discharge Current (10s)	200 A
Typical BMS CUT-OFF Current	+ 200 A
Max Discharge Voltage	44 V
Typical BMS Low Voltage CUT-OFF	40 V
Typical BMS Low Voltage RECONNECT	+ 40 V

Charge - SPECIFICATIONS

Charge Current - MAX	30 A
Charge Voltage - Best	54.5 V
Charge Voltage - MAX	58.4 V
Typical BMS High Voltage CUT-OFF	+ 58.4 V
Typical BMS Reconnect Voltage	- 58.4 V

Temperature - SPECIFICATIONS

Discharge Temperature Range	0 to 130 ° F
Charge Temperature Range	32 to 110 ° F
Typical BMS Temperature CUT-OFF	+ 140 ° F
Typical BMS Temperature Reconnect	- 140 ° F

Warranty - OPTIONS

4 Year Standard	Default
7 Year Upgrade	Optional Purchase
10 Year Upgrade	Optional Purchase
Limited Lifetime Upgrade	Optional Purchase

Product - IMAGE



We do our best to maintain the accuracy of the information contained regarding this product. Images may be stock images; specifications, replacement #'s and applications are for comparison and may be approximates. Some details contained may change from time to time and it is possible that errors will occur. If you find errors, please call us at 1-239-291-6111. Prices and/or specifications are subject to change without notice, refer to the product label for the most up-to-date specifications. Any use of this material is done at your own discretion and risk. Accordingly, all such information is non-binding, and no liability is accepted arising from any errors therein.