



MODEL: IC-12V150-EP4S

Lithium Ion Deep Cycle Battery

ELECTRICAL SPECIFICATIONS

Nominal Voltage	12.8 V
Nominal Capacity	150 Ah
Capacity @ 25A	360 min
Energy	1920 Wh
Resistance	≤9.0 mΩ @50% SOC
Efficiency	99%
Self Discharge	<3% per Month
Maximum Modules in Serie:	4

DISCHARGE SPECIFICATIONS

Maximum Continuous Discharge Curr	100 A@25°C
Peak Discharge Current	360A (5s)
BMS Discharge Current Cut-	360A (5s)
Recommended Low Voltage Cut-Off	11 V
BMS Discharge Voltage Cut-	10 V
Reconnect Voltage	11.2 V
Short Circuit Protection	200-600 μs

TEMPERATURE SPECIFICATIONS

Discharge Temperature	-4 to 140°F (-20 to 60°)
Charge Temperature	32 to 113°F (0 to 45°C)
Storage Temperature	23 to 95°F (-5 to 35°C)
BMS High Temperature Cut-	149°F (65°C)
Reconnect Temperature	122°F (50°C)

MECHANICAL SPECIFICATIONS

Dimensions (Lx W x H)	13.3 x 7.3 x 8.5"
	339 x 185 x 215 mm
Weight	33.1 lbs (15.0 kg)
Terminal Type	Dual 3/8-16 Threaded UNC
Terminal Torque	80 - 100 in-lbs (9 - 11 N-m)
Case Material	ABS
Enclosure Protection	IP65
Cell Type - Chemistry	Prismatic- LiFePO ₄

CHARGE SPECIFICATIONS

Recommended Charge Curr	50 A
Maximum Charge Current	100 A@25°C
Recommended Charge Volt:	14.2 V - 14.6 V
BMS Charge Voltage Cut-Off	15.2 V
Reconnect Voltage	14.8 V

COMPLIANCE SPECIFICATIONS

Certifications	UN38.3 (battery) UL1642 & IEC62133 (cells)
----------------	---

FEATURES

BlueTooth APP



Monitor your battery's vitals straight from your smartphone.



Distributed by 

lithiumhub.com