

12V 400Ah

MULTI-PURPOSE LIFEPO4 BATTERY

DATA SHEETS



Weight: 72.8 lbs

GENERAL

Nominal Voltage	12V
Working Voltage	10V-14.6V
Cell Count	15
Nominal Capacity	400Ah
Energy	4800Wh
Reserve @25A	240 Minutes
Self Discharge	1% Per Month
IP Rating	IPX4

CHARGING

Recom.Charging Current	25A
Max Charging Current	50A
BMS High Voltage Cutoff	14.6V
Charging Temp. Range	32F to 122F

DISCHARGING

Max Continuous Discharge	200A
Max Discharge 0.1 Sec	1000A
Max Discharge 10 Sec	340A
BMS Voltage Cutoff	10V
DISCHARGE TEMP RANGE	-4F to 149F

COMMUNICATION

Bluetooth	YES
CAN	NO
485	YES
APP	YES
Computer	YES

SAFETY

Charging Freeze Protection	YES,Under32F
Pack Over-Voltage	YES
Cell Balancing	YES
Pack Under-Voltage	YES
Cell Under-Voltage	YES
Cell Over-Temp	YES
BMS Over-Temp	YES
Short Circuit/Over Current	YES
Certifications	UN38.3 MSDS CE UL(cell)
Report	UL2580

PHYSICAL

Cell Chemistry	LFP
Cell Type	Square aluminum shell
Cell Configuration	15S1P
Weight	33kg / 72.8lbs
Dimension LxWxH	25.2×8.6×9.6in
Terminal Type	Bolted connection
Shell Type	ABS
UN Shipping Class	UN3480