



UL94-V0



LiFePo4 IP67 UN38.3

BATTERY TECH DATA

Stored energy	2496Wh
Rated capacity	65Ah
Nominal voltage	38.4V
Volt range	30V-43.2V
Charge time	Standard 5.5h Rapid 1.5h
Charge method	Standard 13A/29.2V
CC-CV	Rapid 60A/29.2V
Max discharge current	Peak 250A Continuous 65A
Cycle life	10% > 6000 cycles 0.5C, 23°C/73°F 100% > 2000 cycles
Operating temperature range	Charge 0°C~45°C / 32°F~113°F Discharge -20°C~45°C / -4°F~113°F Storage(1month) -20°C~45°C / -4°F~113°F Storage(6month) -10°C~35°C / 14°F~95°F
Water proof	IP67
Approx weight	19.8kg / 43.6lbs

Series & parallel connection Multiple parallel connection for yachts. Series connection is not available. Batteries must be the same volt before parallel connection.

Length	Width	Height
376mm	194mm	227mm
14.8 in	7.6 in	8.9 in

BMS PROTECTION

Balance	Current	50mA
	Activate volt	3.4 V/ cell
		Cell Voltage difference ≥ 30mV
High temperature protection(MOSFET)	Protection	85°C / 185°F
	Release	60°C / 140°F
High temperature protection (cell)	Protection	60°C / 140°F (charge) 85°C / 185°F (discharge)
	Release	50°C / 122°F (charge) 60°C / 140°F (discharge)
Low temperature protection (cell)	Protection	0°C / 32°F (charge) -40°C / -40°F (discharge)
	Release	5°C / 41°F (charge) -30°C / -22°F (discharge)
Over-charge	Protection	45.6V (3.8V/cell)
	Release	43.8V (3.65V/cell)
Over-discharge	Protection	30V (2.5V/cell)
	Release	32.4V (2.7V/cell)
Short-circuit	Protection	800A
	Release	Remove load for the short circuit protection to release

APPLICATION SCENARIOS



BOAT



ELECTRIC MOTOR



TRAILER



MOTORHOME