

LiFePO4 Battery 12.8~25.6V

12.8V(50AH/100AH/200AH/300AH)/25.6V(50AH/100AH/200AH)



MAIN FEATURES

-  The whole module is non-toxic, non-polluting and environmentally friendly
-  Cathode material is made from LiFePO4 with safety performance and long cycle life
-  Battery management system(BMS)has protection functions including over-discharge, over-charge, over-current and high/low temperature
-  Small size and light weight, comfortable for installation and maintenance

Product Specifications

Electrical Voltage		12.8V				25.6V		
Electrical Specifications	Nominal Capacity	50AH	100AH	200AH	300AH	50AH	100AH	200AH
	Energy	640WH	1280WH	2560WH	3840WH	1280WH	2560WH	5120WH
	Resistance	≤20mΩ						
	Efficiency	99%						
	Self Discharge	Monthly<3%						
Discharge Specifications	Maximum Continuous Discharge Current	50A	100A	200A	200A	50A	100A	200A
	Peak Discharge Current	100A	200A	400A	400A	100A	200A	400A
	Discharge Cut-off Voltage	10V				20V		
Charging Specifications	Recommended Charging Current	25A	50A	100A	100A	25A	50A	100A
	Maximum Charging Current	50A	100A	200A	200A	50A	100A	200A
	Maximum Charge Voltage	14.6V		14.2~14.6V		29.2V		
	Charging Current (-20~10°C)	≤0.05°C						
Mechanical Specifications	Size (L*W*H)mm	229*138*208	260*167*210	502*186*243	384*194*255	330*175*220	521*238*218	521*268*218
	Weight(KG)	7.5	12.8	22	28	12	22	45
	Terminal Type	M8 screw						
	Housing Material	ABS shell						
	Protection Grade	IP65						
Cell Type	Square aluminum shell							
Temperature Specifications	Discharge Temperature	-20~60°C						
	Charge Temperature	0~55°C						
	Storage Temperature	-20~40°C						
	BMS High Temperature	80°C						
	Reconnect Temperature	50°C						