

BL Lithium Iron Phosphate Battery

2.5KWH/5KWH/10KWH/15KWH

MAIN FEATURES



Flexible expansion, easy installation, saving time and cost



Equipped with REPT LFP batteries and multiple safety



UN38.3/MSDS/DG Package



Reduce electric bill and maximize your solar investment with battery storage



Built-in BMS safety for home



Built-in automatic fire extinguishing device



Product Specifications

Model	BL-2500L	BL-5000LE	BL-5000L	BL-10000L	BL-15000L	BL-15000LP
Voltage	25.6V		51.2V			
Capacity	100Ah	200Ah	100Ah	200Ah	280Ah	314Ah
Rated Power	2560W	5120W		10240W	14336W	16076.8W
Maximum Number Of Parallel Machines	15	16				
Display	SOC status indicator light, LED indicator light, LCD display screen					
Communication	RS485,CAN,RS232					
Inverter Protocol (customizable)	pylon,growatt,voltronic,must,goodwe...					
Service Life	25°C ambient temperature environment @ 6000 cycles					
Recommended Charging Voltage	29.2V		58.4V			
Recommended Charging Current	20A	40A	20A	40A	56A	
Discharge Termination Voltage	20V		40V			
Standard Working Current	Charge	20A	40A	20A	40A	56A
	Discharge	20A	40A	20A	40A	56A
Maximum Continuous Operating Current	Charge	50A	100A	50A	100A	140A
	Discharge	100A	200A	100A	200A	200A
BMS Cut-off Voltage	Charge	29.2V (cell 3.65V)		58.4V (cell 3.65V)		
	Discharge	20V (cell 2.5V)		40V (cell 2.5V)		
Operation Temperature	Charge	0~45°C				
	Discharge	-15~55°C				
Storage Temperature	-5~35°C					
Shipping Voltage	≥25.6V(within 30 days of shipment)			≥51.2V(within 30 days of shipment)		
Shell Material	Cold rolled plate 1.2mm			Cold rolled plate 1.5mm		
Battery Size:L*W*H(mm)	380*145*500 (Excluding bracket)	440*145*640 (Excluding bracket)	440*145*640 (Excluding bracket)	480*225*700 (Excluding bracket)	480*238*780 (Excluding rollers and brackets)	
Packaging Size:L*W*H(mm)	475*250*595	535*250*735	535*250*735	575*330*795	575*340*950	
Net Weight(KG)	25	45	45	85	125/130	
Gross Weight(KG)	27	50	50	90	130/135	
Additional Features(optional)	WiFi, Bluetooth					