



51.2V-10.24kWh/14.33kWh



Product Features

Class-A LiFePO4 Battery

Cycle Life 6000+
High Safety and Performance

Active Balance

3A Balance Current to Keep the Battery a Long Life

Intelligent BMS

50+ Protection Algorithms for Safety

High Compatibility

Self-Adaptive Communication with Mainstream Inverter

Model	IPL-51200	IPL-51280
Battery Type	LiFePO4	
Nominal Voltage	51.2V	
Nominal Energy	10.24kWh	14.33kWh
Nominal Capacity	200Ah	280Ah
Operating Voltage Range	43.2V-57.6V	
Standard Charging Current	100A	140A
Maximum Continuous Charge Current	150A	150A
Cut Off Charging Voltage	57.6A	
Cut Off Charging Current	2A	
Standard Discharging Current	100A	140A
Maximum Continuous Discharge Current	150A	150A
Maximum Pulse Discharge Current	200A	280A
Cut-Off Discharging Voltage	43.2V	
Cut-Off Discharging Current	2A	
Balance Current	Active 3A	
	Positive 50mA	
Dimensions	880mm*560mm*175mm	880mm*560mm*230mm
Weight	95kg	125kg
Communication Port	RS485/CAN/RS232	
Parallel Number	15	
Working Temperature/Charge	0°C-60°C	
Working Temperature/Discharge	-20°C-60°C	
Ingress Protection	IP20	
Cooling Type	Natural Cooling	
Humidity	10%-95%	
Altitude	2000m	
Shell Material	Metal	
Current Limiting Function	20A	
Precharge Function	Enable	
Display	LED	
Design Life	10+Years	
Cycl life	>6000@25°C,0.5C,80%DOD	
Authentication Level	IEC62619\UN38.3\MSDS\DGM	