

ESS LV Battery



2.56kWh

Product Features



A Class LiFePO4 Battery

More than 6000 Cycles
High Safety and Performance



Intelligent BMS

50+ Protection Algorithms



High Compatibility

Self-Adaptive Communicate with Mainstream Inverter

Model	IPW-25100
Battery Type	LiFePO4
Nominal Voltage	25.6V
Nominal Energy	2.56kWh
Nominal Capacity	100Ah
Operating Voltage Range	20V~28.8V
Standard Charging Current	50A
Maximum Continuous Charge Current	100A
Cut-Off Charging Voltage	28.8V
Cut-Off Charging Current	2A
Standard Discharge Current	50A
Maximum Continuous Discharge Current	100A
Maximum Pulse Discharge Current	150A
Cut-Off Discharge Voltage	20V
Cut-Off Discharge Current	2A
Dimensions (mm)	454*410*135
Weight (kg)	27kg
Communication Port	RS485/RS232/CAN
Working Temperature/Charge	0~55°C
Working Temperature/Discharge	-20~60°C
Ingress Protection	IP21
Cooling Type	Natural Cooling
Humidity	0%~95%
Altitude (m)	4000
Shell Material	Metal
Current Limiting Function	Limited 10A
Precharge Function	Enable
Display Mode	4 Green LED
Design Life	10+Years
Cycle Life	≥6000
Authentication Level	IEC+UN38.3+MSDS+DGM