

ESS LV Battery



25.6V/2.56kWh

Product Features



Class-A LiFePO4 Battery

Cycle Life 6000+
High Safety and Performance



Intelligent BMS

50+ Protection Algorithms for Safety and Longer Lifespan
Number of Parallel: 15



High Compatibility

Self-Adaptive Communication 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	135mm*410mm*454mm
Weight	27.8kg
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 (m)	2000m
Shell Material	Metal
Current Limiting Function	10A
Precharge Function	Enable
Display Mode	LED
Design Life	10 Years
Cycle Life	>6000@25 C,0.5C,80%DOD
Authentication Level	IEC62619\UN38.3\MSDS\DGM