

# ESS LV Battery



**25.6V-5.12kWh**

## Product Features

### Class-A LiFePO4 Battery

6000 Life Cycle  
High Safety and Performance

### Solid Quality

Cells Contact System(CCS) Integrated Design  
and Manufacturing Technique

### Intelligent BMS

50+ Protection Algorithms for Safety  
and Longer Lifespan

### Automatic Parallel Address

Up to 32 Parallel  
No Dip Switch, Automatic Set to Parallel Address  
Automatic Assign Master and Slave

### High Compatibility

Self-adaptive Communicate with Mainstream Inverter  
Maximum Discharge Power up to 10kW@10S

Model	IPL-25200X
Battery Type	LiFePO4
Nominal Voltage	25.6V
Nominal Energy	5.12kWh
Nominal Capacity	200Ah
Operating Voltage Range	21.6V~28.8V
Standard Charging Current	100A
Maximum Continuous Charge Current	200A
Cut-Off Charging Voltage	28.8V
Cut-Off Charging Current	1A
Standard Discharge Current	100A
Maximum Continuous Discharge Current	200A
Maximum Pulse Discharge Current	220A
Cut-Off Discharge Voltage	21.6V
Cut-Off Discharge Current	1A
Dimensions	240mm*490mm*618mm
Weight	±3 48kg
Communication Port	RS485/CAN/RS232
Parallel Number	32
Working Temperature/Charge	0 C ~+55 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	20A
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