

WALL MOUNTED ENERGY STORAGE BATTERY

With Color Screen, Automatically Match Inverters, TOP5 Battery Cell



 **Bluetooth + WiFi**
real - time monitoring

 **Safer to Use**
High-density LiFePO4 battery

 **Long Service Life**
6000 cycles life (DOD 80%)

 **Touch Screen Control**
is available for this device

 **Stable & Reliable**
Advanced BMS management

 **Widely Compatible**
Compatible with mainstream inverters

Model	ES-LV-5
Basic Information	
Nominal Voltage	51.2V DC
Voltage Range	44V-58.4V
Nominal Capacity	100Ah
Rated Capacity	5.12kWh
Communication Protocol	CAN / RS485 / RS232
Max. Number of Parallel Connections	32
Cycle Life	6000 cycles (25°C@80% DOD)
Protection Mechanism	Temperature Protection/Over-Current Protection/Short-Circuit Protection Over-Charge Protection/Over-Discharge Protection/Low-Voltage Protection
Charging Parameters	
Recommended Charging Current	50A
Max. Charging Current	100A
Recommended Charging Voltage	58V
Max. Charging Voltage	58.4V
Discharging Parameters	
Recommended Discharging Current	50A
Max. Discharging Current	100A
Recommended Battery Discharge Cut-off Voltage	44V
Battery Cut-off Voltage	43.2V
Battery Recovery Voltage	48V
General Parameters	
Dimension	640*380*160mm
Net Weight	45.2Kg
Protection Rating	IP20
Installation Method	Wall Mounted
Screen Type	Color Touchscreen
Communication	Bluetooth/Wifi/Auto-Dialling
Certification & Safety Standard	
Safety Certification	UL1973/CE/IEC62619
Transportation Safety Certification	UN38.3, MSDS
Temperature Parameters	
Discharging Temperature	-20 - 60°C
Charging Temperature	0 - 55°C
Storage Temperature	-20 - 45°C