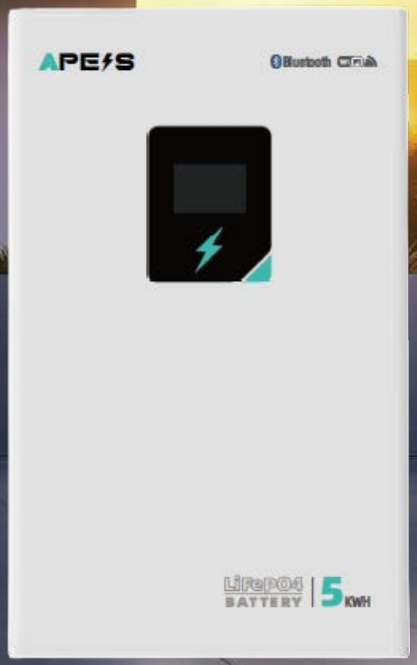
Floor Type Energy Storage Battery

ES-LV-5



Bluetooth + WiFi
real - time monitoring

Safer to Use
High-density LiFePO4 battery

Long Battery Life
6000 cycles life (DOD 80%)

Touch Screen Control
is availablefor this device

Stable & Reliable
BMS
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	15
Calendar Life	6000 (@80% DoD)
Nominal Voltage	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	44V
Battery Recovery Voltage	48V

Product Functions

Screen Type	Touch Screen
Communication	Bluetooth + WiFi
Function	Auto-dialling communication
Fire Protection System	Built - in aerosol fire extinguisher

General Parameters

Dimension	640*380*160mm
Protection Rating	IP20
Net Weight	45.2kg
Shell Material	Sheet Metal
Cell Type	LiFePO4

Certification & Safety Standard

Certification	CE /UN38.3,Class9

Temperature Parameters

Discharging Temperature	-20-60℃
Charging Temperature	0-55℃
Storage Temperature	-20-45℃