

51.2V WALL MOUNTED ENERGY STORAGE BATTERY

With Color Touch Screen, Bluetooth&Wifi, Aerosol Firefight Built-in



Grade A
Brand New Battery Cell



8000Cycles
25°C @80% DOD



5 Years Warranty
Long Designed Spanlife



Bluetooth&Wifi
Default Built-in



Fire Protection
Default Built-in



Touch Screen
Intuitive&Simple Operation

MODEL 51.2-100W

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(25°/0.5C)	8000Cycles@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	44V
Battery Recovery Voltage	48V

General Parameters

Dimension	600*380*160mm
Net Weight	45.2Kg
Protection Rating	IP20
Installation Method	Wall Mounted
Screen Type	Color Touch Screen
Communication	Bluetooth/Wifi/Auto-Dialling

Temperature Parameters

Discharging Temperature	-20 - 60°C
Charging Temperature	0 - 55°C
Storage Temperature	-20 - 45°C

Certification & Safety Standard

Safety Certification	UL1973/CE/IEC62619
Transportation Safety Certification	UN38.3, MSDS