



Residential ESS

Lithium-ion Battery FB-5100S



Advantage

Safety :

LFP(Lithium ion Phosphate) the highest safety

Up to 8 Parallel :

Flexible to increase voltage capacity without any other equipments or settings

Cycle Life :

80% of initial capacity after 6000

WiFi & APP :

Integrated WiFi Modem OTA online upgrade convenient after-sales service

Installation :

Simple buckle fixing minimize the installation time and cost

High-precision SOC :

Accurate sampling of voltage and current SOC mathematic more accurate and never jump

FB-5100S

Nominal Voltage: 51.2 V

Voltage Range: 48 ~ 56 V

Nominal Capacity: 5120 Wh

Usable Capacity: 4608 Wh

Charge/Discharge Current: 50 / 100 (Recommend) A

Dimension: 442*500*133 mm

Weight: 42 Kg

Communication Port: CAN / RS485

Single string quantity: 8 pcs

Charge Working Temperature: 0 ~ 50 °C

DisCharge Working Temperature: -10 ~ 50 °C

Storage Temperature: -20 ~ 60 °C

Humidity: 5 ~ 95% (No Condensed Water)

Altitude: < 2000 m

Cooling Type: Ambient Cooling

Installation: Cabinet or Wall Mounting

IP Rating: IP20

Warranty: 10 years

Cycle life: 6000^[1]

Authentication Level: CE & TUV(IEC 62619, IEC 62040) UN38.3

[1] Test conditions: 0.2C Charging/Discharging, @25°C, 80% Dod)