

# FC100AH

5.12 kWh-----158.72 kWh



## Key Features



### Safety

Tier-1 LifePo4 Battery with Intelligent BMS for Safety and Performance



### Reliability

Battery & BMS R&D Since 2014, 80,000 Battery Modules in 90+ Countries



### High Usable Capacity

100% Usable Capacity



### Easily Scalable

Supports Parallel Connection of up to 31 Units for Maximum Capacity of 158.72 kWh\*



### Intelligent Management

App-based Monitoring and Analysis, Remote Diagnosis, and OTA Updates



### High adaptability

Flexible configuration and strong product adaptability

## ■ Main Parameters

ZR-FC48100-1630J2	
Cell Model (Ah)	100Ah/3.2V
Combination Mode	16S1P
Nominal Capacity (Ah)	100
Rated Energy(kWh)	5.12
Initial Internal Resistance (mΩ)	< 50
Rated Voltage (V)	51.2
Charge Cut-off Voltage (V)	59.2
Discharge Cut-off Voltage (V)	43.2
Standard Charge Current (A)	20
Max.Charge Current (A)	95
Standard Discharge Current (A)	50
Max.Discharge Current (A)	95
Operating Temperature (°C)	Charge 0°C ~ +55°C Discharge -20°C ~ +55°C
Life Cycle <sup>[1]</sup>	8000 times
Communication	RS485/CAN/WIFI
Weight (kg)	45±1
W*D*H (mm)	440×420×132
Certification	CEI 0-21/CE/UKCA/IEC 62619/UN 38.3/MSDS

[1] Based on 70% DOD, 0.2C charge & discharge @ ±25°C, 70% EOL