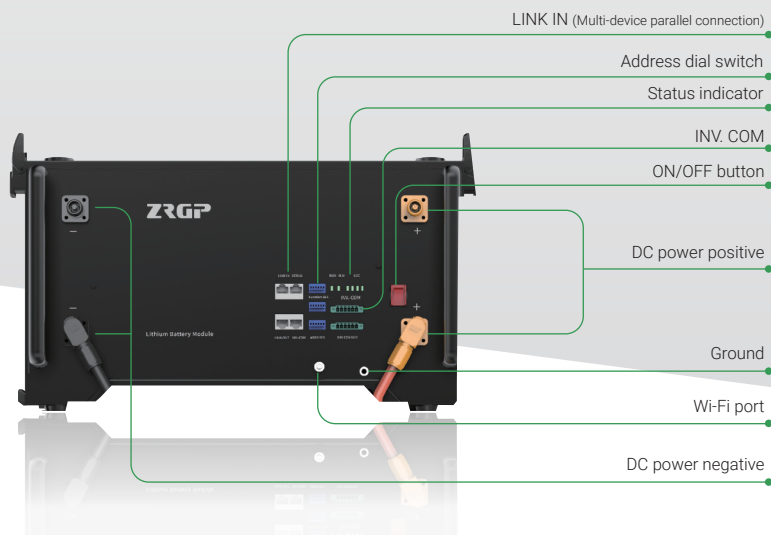


FC280AH

14.33 kWh-----215 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 15 Units for Maximum Capacity of 215 kWh



Intelligent Management

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



High adaptability

Flexible configuration and strong product adaptability

■ Main Parameters

Battery	ZR-FC48280-1650J1
Battery Chemistry	LiFePO4
Nominal Energy (kWh)	14.33
Nominal Capacity (Ah)	280
Standard Charging/Discharging Current (A)	140
Max. Charging/Discharging Current (A)	200
Nominal Voltage (V)	51.2
Recommend Charging Voltage (V)	56.8
Max. Charging Voltage (V)	58.4
Discharge Cut-off Voltage (V)	43.2
General Parameters	
Parallel Capacity	Maximum 15 units
Dimension (W*D*H)	440*795*222mm/17.3*31.3*87in.
NetWeight (Approximate)	115kg / 253lb
Storage Conditions	-20°Cto 55°C/-4°F to 131°F(0°Cto 35°C/32°F to 95°F Recommended) Up to 90%RH, non-condensing Initial SoC: 50%
Operating Temperature(°F/°C)	Discharge: -4~122 / -20~50 Charge: 32~122 / 0~50
Safety Function	Over-charge, Over-discharge,Over-current, Low/High-temperature,Short-circuit Protections
Cooling	Natural Cooling
Max. Operating Altitude	2000m / 6561ft
Cycle Life	8000 cycles @77°F(25°C),0.5C,80%DOD,80%EOL
Communication	RS485/CAN/WIFI
System Characteristic	
CELL Certification	UN38.3, MSDS, CE, IEC62619,UL1973, UL9540A
Installation Method	Rack Mounting
Installation Scene	Indoor
Enclosure	IP20
Warranty ^[1]	10 Years

[1] Please refer to the warranty letter for details