

Rack-mounted  
Energy Storage System

# PowerBase FC

4.8 kWh-----148.8 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 148.8 kWh"



### Intelligent Management

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



### High adaptability

Flexible configuration and strong product adaptability

## ■ Main Parameters

ZR-FC48100-1530J2/ZR-FC48100-1530J2-H

Usable capacity (kWh)	4.8
Battery Cell Specifications (Ah)	100Ah/3.2V
Combination Mode	15S1P
Nominal Capacity (Ah)	100
Rated Energy(kWh)	4.8
Rated power(kW)	4.8
Rated Voltage (V)	48
Maximum Charge Voltage (V)	54.75
Charge Cut-off Voltage (V)	55.5
Discharge Cut-off Voltage (V)	40.5
Max.Charge Current (A)	95
Max.Discharge Current (A)	95
Operating Temperature (°C)	Charge 0°C ~ +50°C Discharge -20°C ~ +50°C
Depth of Discharge	100%
Communication	RS485/CAN/WIFI
Weight (kg)	41±1
W×D×H (mm)	420×440×132
Certification	CE/UKCA/IEC 62619/UN 38.3/MSDS
Warranty	10 years
Installation Environment	Indoor
Enclosure	IP20

Compatible Inverter Brands: **Growatt** **SERMATEC** **SGFAR** **Deye** **solis** **SolArk**

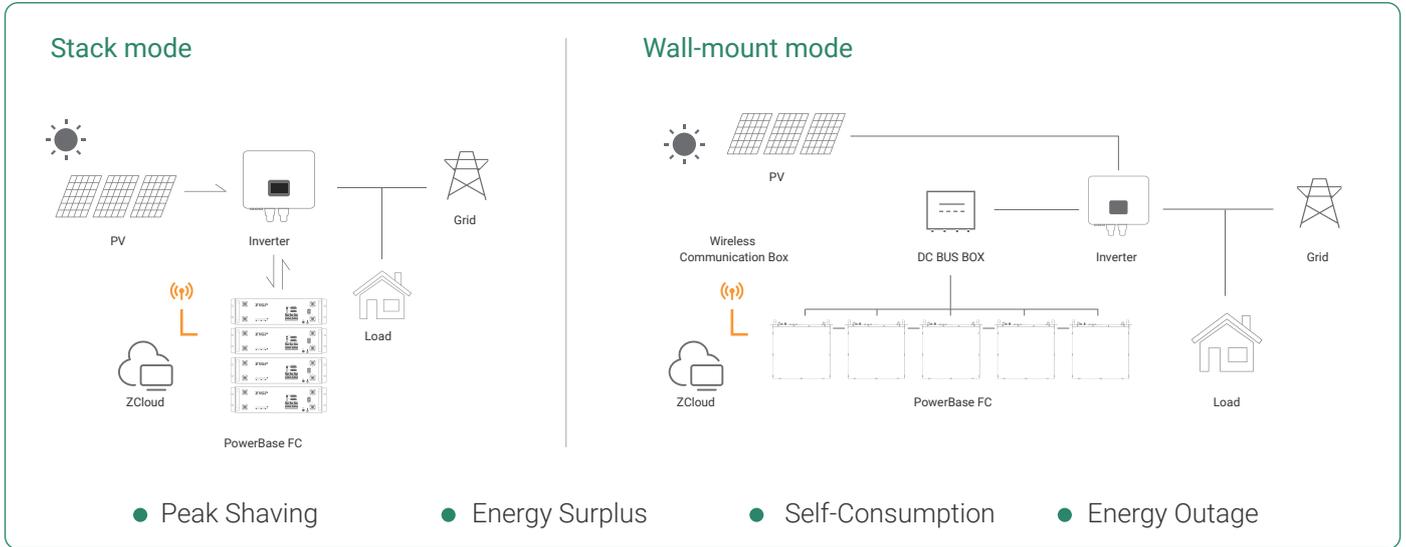
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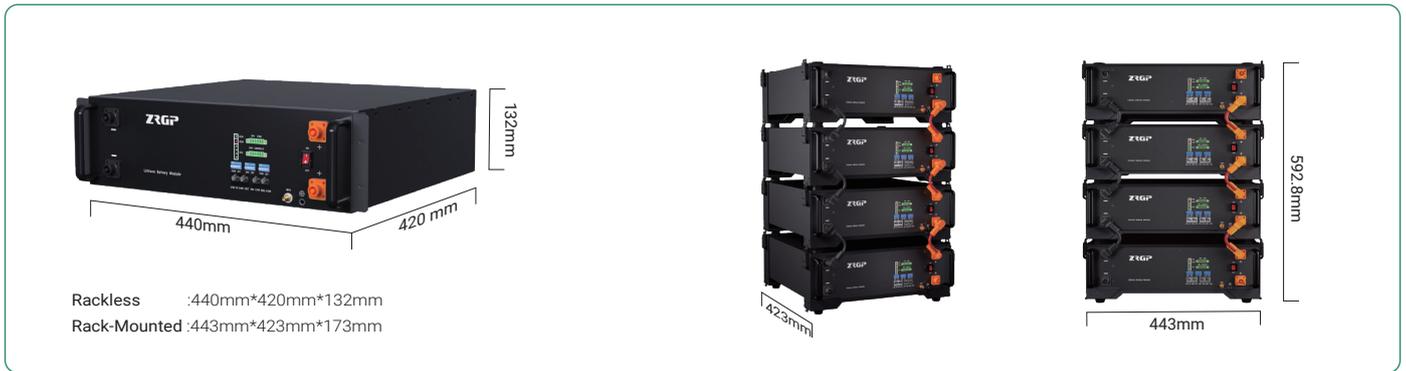
## ■ Effect Display



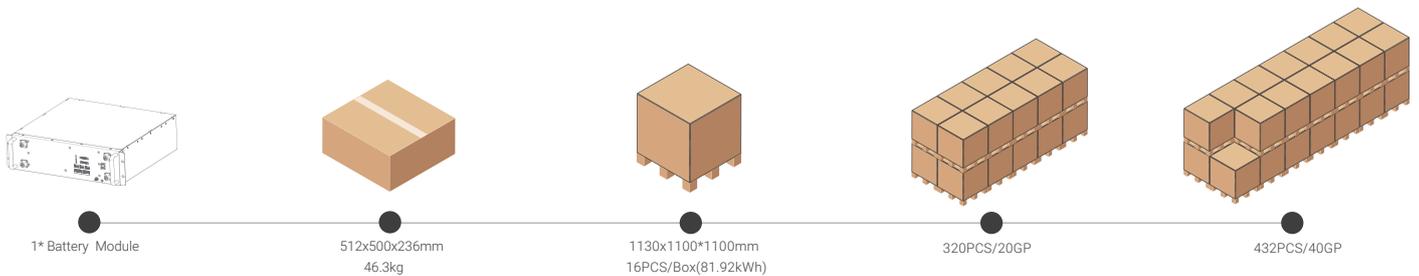
## System Layout



## Size



## Packaging And Shipping Details



1. Country of manufacture-China

2.ZRGP warrants that the Product will retain seventy percent (70%) of its Usable Energy for ten (10) years from the warranty start date, or until it reaches the Minimum Throughput Energy of 14.40 MWh, whichever occurs first.