

ZRGP

Residential Energy

PowerBase

FC



Features

Classic Design

- Modular design for easy expansion
- CAN, WIFI, RS485 compatible
- 100Ah module for different scaling
- Built-in with self-developed smart BMS

Full Power Output

- 100% DoD
- Usable capacity 5.12 kWh
- Parallel capability of up to 32 units
- Allows large installation up to 163.84kWh with no master control Module

Stability

- 5 years hardware warranty, 10 years performance warranty
- Cycle life 8000 times
- Compatible with 16 world-famous inverter brands



ZRGP Lithium Battery

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Zhongrui Green Energy Technology
(ShenZhen) Co., Ltd

ZR-FC48100-1630J1

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)	58.4
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 ~ +50°C Discharge -20°C ~ +50°C
Communication	RS485/CAN/WIFI
Weight (kg)	45±1
L×W×H (mm)	420×440×132
Certification	CE/UKCA/IEC 62619/UN 38.3/MSDS

Compatible Inverter Brands:



OUR ENERGY WORKS FOR YOU