

# ZRGP

Residential Energy

## PowerBase

# X1



## Features

### Reliable

- Tier-1 top brands' A-Grade LFP cells to ensure high safety and excellent performance
- Over 8000 times cycle life
- The adoption of high-performance processors, international brand devices, better stability

### Intelligent

- Multi-level intelligent energy management implemented, enhance performance and extent life span
- One-button switch mechanism, more convenient operation
- High BMS compatibility, perfect match of energy storage inverter
- Intelligent BMS to enable a safe and reliable operation

### Flexibility

- 6-pin Dip Switch ensures a maximum 32 units parallel arrangement
- Over 16 world-famous inverter brands can be compatible with
- Residential or small commercial, off-grid or on-grid, the battery goes with the application scenarios



ZRGP Lithium Battery

[info@zruipower.com](mailto:info@zruipower.com)

[www.zruipower.com](http://www.zruipower.com)

Zhongrui Green Energy Technology  
(ShenZhen) Co., Ltd

## PowerBase X1

### PowerBase X1

Battery Type	LiFePO4
Energy (kWh)	5.12
Rated Voltage (V)	51.2
Battery Cell	3.2V 100Ah Prismatic Battery Cell
Configuration	16S1P
Discharge Cut-off Protect Voltage (V)	43.2
Charge Cut-off Protect Voltage (V)	58.4
Max.Charge Current (A)	100
Max.Discharge Current (A)	100
Communication	CAN/RS485/RS232/WIFI (Optional)
Parallel	Max.32 units in Parallels to get 163.8 kWh.
Cycle Life	8000 times
L*W*H (mm)	135×480×600
Net Weight (kg)	58
Cooling	Natural cooling
Environment	Indoor
Mounting Options	Wall mount
Discharge Temperature (°C)	-20°C ~ +55°C
Charge Temperature (°C)	0°C ~ +55°C
Storage Conditions	-20°C to 30°C Up to 95% RH, non-condensing State of Charge (SoC): 50% INITIAL
Maximum Altitude	3000m
Certification	CE/UKCA/IEC 62619/UL 1973/UN 38.3/MSDS

### Compatible Inverter Brands:

