



ZRGP

Household Energy

PowerBase Pro



Features

Regular Design

- 19" rack-mount size, even old system worth an upgrade
- 3U in height, more compact in one cabinet
- Cabinet with touch screen for monitoring and adjustments

Enterprise Client Oriented

- Blending look for commercial and industrial application scenarios
- 5-unit/8-unit cabinet for different scaling
- Master Control + built-in BMS, dual-layer protection and management

Large Scale Usage

- Between 1 to 5/1 to 8 battery modules in single cabinet to give maximum 40.96kWh usable capacity
- Up to 15 cabinets can be connected in parallel to give a maximum
- 614.4kWh usable capacity
- IP20 for indoor usage only

Compatible Inverter Brands:



Nominal Power: 2.56-20 kW
Nominal Capacity: 2.56~20.48 kWh



ZRGP Lithium Battery

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Zhongrui Green Energy Technology (ShenZhen) Co., Ltd

R-FS4850-1630P1

PowerBase Pro

	Pro 2.5	Pro 5	Pro 7.5	Pro 10	Pro 12.8	Pro 15	Pro 17.5	Pro 20
Battery module	1 module	2 module	3 module	4 module	5 module	6 module	7 module	8 module
Usable Energy ^[1]	2.56kWh	5.12kWh	7.68kWh	10.24kWh	12.8kWh	15.36kWh	17.92kWh	20.48kWh
Max Output Power	2.56kW	5.12kW	7.68kW	10.24kW	12.8kW	12.8kW	12.8kW	12.8kW
Peak Output Power	3kw,30s	6kw,30s	9kw,30s	11kw,30s	14kw,30s	15kw,30s	15kw,30s	15kw,30s
Round-Trip Efficiency	≥95.3%[1]							
Nominal Voltage	51.2V							
Operating Voltage Range	48~56V							
Communication	CAN&RS485							
Dimensions(L/H/W)	600x1140x600mm				600x1520x600mm			
Net Weight	76kg	105kg	134kg	163kg	192kg	231kg	260kg	288kg
Protection Level	IP20							
Warranty	10 years product warranty							
Operating temperature	-10 °C to +50 °C							
Certification	TUV(IEC62619)/UN38.3/MSDS							
Scalability	Max.15 PowerBase in parallel/ 300kWh							
Application	ON Grid(Self consumption/ON Gri+Backup/Backup)and Off Grid.							

	Pro -HV_5	Pro -HV_7.5	Pro -HV_12.8	Pro -HV_10	Pro -HV_15	Pro -HV_17.5	Pro -HV_20
Main Control Module	ZR-MC500-100E						
Battery module	ZR-FS4850-1630R1						
Battery Module NO.	2 module	3 module	4 module	5 module	6 module	7 module	8 module
Usable Energy	5.12kWh	7.68kWh	10.24kWh	12.8kWh	15.36kWh	17.92kWh	20.48kWh
Max Output Power	4.5kW	7kW	9.5kW	12kW	15kW	17kW	20kW
Peak Output Power	7.2kW, 30S	11.2kW, 30S	15.2kW, 30S	19.2kW, 30S	24kW, 30S	28kW, 30S	32kW, 30S
Nominal Voltage	102.4V	153.6V	204.8V	256.0V	307.2V	358.4V	409.6V
Operating Voltage Range	94V~113V	140V~170V	187.5V~227V	234V~284V	281V~340V	328V~397V	375V~454V
DOD	90%						
Communication	CAN/RS485						
Dimensions(L/H/W)	600x1140x600mm				600x1520x600mm		
Net Weight	105kg	134kg	163kg	192kg	231kg	260kg	288kg
Protection Level	IP20						
Warranty	10 years product warranty						
Operating temperature	-10 °C ~50 °C						
Certification	TUV(IEC62619)/UN38.3/MSDS						
Application	ON Grid(Self consumption/ON Gri+Backup/Backup)and Off Grid.						

OUR ENERGY WORKS FOR YOU