

RESIDENTIAL WALL-MOUNTED PACK




VENUS-BAT SERIES

CAPACITY

5.12kWh / 10.24kWh

- Compatible with most brands of inverters
- Plug & play
- Multiple safety assurance measures
- Support parallel connection

VENUS-BAT	VENUS-BAT-5	VENUS-BAT-10
		
Physical		
Battery Type	Lithium Iron Phosphate Battery (LiFePO4)	
System Weight	55kg	100kg
Dimension (W x D x H)	360*160*582mm	495*200*800mm
IP Protection	IP65	
Warranty	5 years	
Electrical		
Energy Capacity	5.12kWh	10.24kWh
Depth of Discharge (DoD)	100%	
Nominal Voltage	51.2V	
Nominal Capacity	100Ah	200Ah
Operating Voltage Range	43.2~57.6V	
Internal Resistance	≤ 20 mΩ	
Cycle Life	6000 times	
Operation		
Max. Charging Current	50A	100A
Max. Discharging Current	100A	100A
Operating temperature	-15°C~55°C	
Relative Humidity	15% ~ 85%	
BMS		
Scalability	max. 16 units in parallel	
Monitoring Parameters	voltage, current, cell voltage, cell temperature, PCBA temperature, SOC	
Communication	CAN and RS-485 compatible (optional)	
Certification		
Transportation	UN38.3	
Safety	CE	
Environment	RoHS	