



Safe Energy Storage System  
Solutions Expert

# Great Wall Series Residential ESS



## ◆ Product Highlights

### Safe Reliability

- LiFePO<sub>4</sub> square shell cell, multiple hardware level protection.

### iBMS

- Rich hardware self-diagnosis circuit and key loop redundancy design.

### Flexible Extensibility

- Modular design, maximum 30kWh, support 1-6 batteries in parallel.

### Perfect Compatibility

- Compatible with single phase/three phase inverters, support CAN/RS485 communication protocol.

### Long Life

- The charging and discharging life exceeds 6000 cycles, and the service life of the system exceeds 15 years.

### Ease of Installation

- Wall-mounted design saves floor space.

### Strong Environmental Adaptability

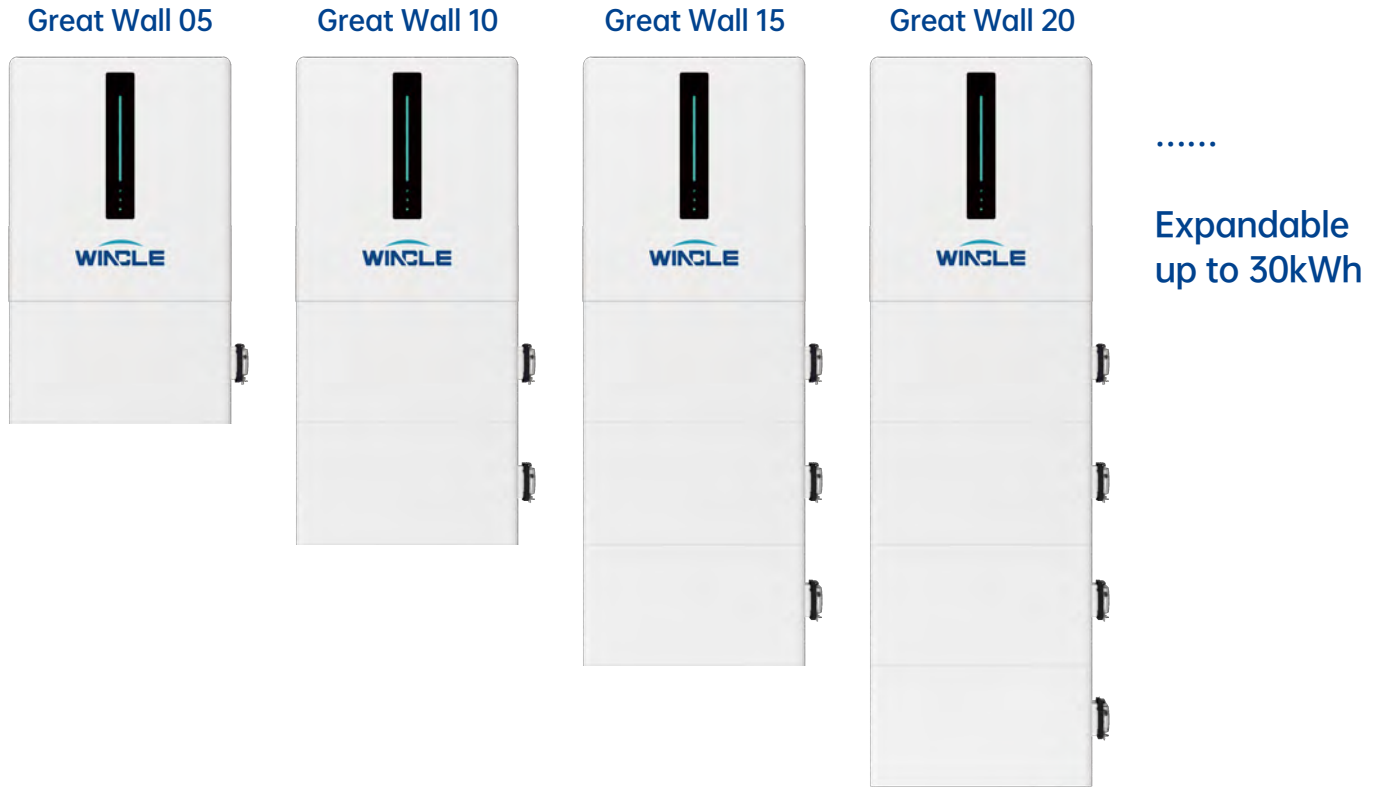
- Temperature adaptation range: -10°C ~ 55°C, IP65 protection.

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# Great Wall Series Cabinet ESS



## ◆ Product Parameters



Model	Great Wall 05	Great Wall 10	.....	Great Wall 30
Configuration	2P16S	2P16S:2pcs	.....	2P16S:6pcs
Size	600*900*220mm	600*1200*220mm	.....	600*2400*220mm
Weight	67kg	109kg	.....	277kg
Nominal Voltage	51.2V	51.2V	.....	51.2V
Voltage Range	40-58.4V	40-58.4V	.....	40-58.4V
Rated Capacity	100Ah	200Ah	.....	600Ah
Rated Energy	5.12kWh	10.24kWh	.....	30.72kWh
Max. Charge Current	50A			
Max. Discharge Current	100A			
Depth of Discharge	90%			
Communication Protocol	CAN/RS485			
Cycle Life	≥6000times @25°C 0.5C			
Operating Temp. Range	Charge: 0~55°C; Discharge: -10~35°C			