



Great Wall Series Residential ESS

5~30kWh (1~6 Batteries)



◆ Product Highlights

Safe Reliability

- LiFePO₄ pouch 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.

Telephone

+65 **9622 5139** (SGP) | +86-731 **8256 6160** (CHN) | +1 (0) **949 678 2338** (USA)

WhatsApp

+86 **181 7589 6293**

ADD:

SGP - No. 18 Boon Lay Way #05-145, TradeHub 21 Singapore 609966

CHN - 25th Floor, North Tower, Jinmao Plaza, Yuelu District, Changsha City, Hunan Province, China

USA - 5900 Balcones Drive Suite 100 Austin TX, 78731 USA

E-mail: export@wenergypro.com / wenergyUSA@wenergypro.com <https://www.wenergystorage.com>

Great Wall Series Residential ESS



◆ Product Parameters

Model	Great Wall 05	Great Wall 10	Great Wall 20		Great Wall 30
Configuration	2P16S	2P16S:2pcs	2P16S:4pcs		2P16S:6pcs
Size	600*900*220mm	600*1200*220mm	600*1800*220mm		600*2400*220mm
Weight	67kg	109kg	193kg		277kg
Nominal Voltage	51.2V	51.2V	51.2V		51.2V
Voltage Range	40-58.4V	40-58.4V	40-58.4V		40-58.4V
Rated Capacity	100Ah	200Ah	400Ah		600Ah
Rated Energy	5.12kWh	10.24kWh	20.48kWh		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				