

Great Wall Series —— Residential ESS

Product Highlights

• Safe reliability

※ LiFePO4 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.



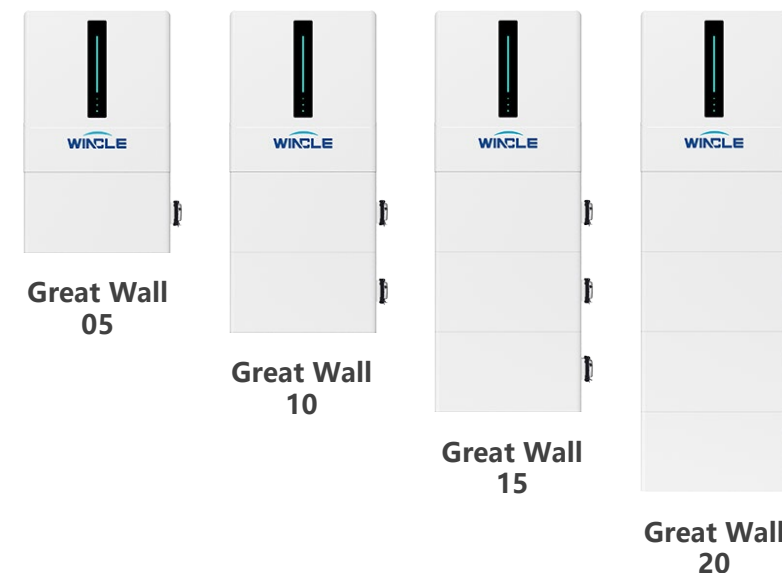
UN38.3



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Product parameter

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			
Voltage range	40-58.4V			
Rated capacity	100Ah	200Ah	600Ah
Rated energy	5.12kWh	10.24kWh	30.72kWh
Maximum charge current	50A			
Maximum discharge current	100A			
Depth of discharge	90%			
Communication protocol	CAN/RS485			
Cycle life	≥6000 times @25°C 0.5C			
Operating temperature range	Charge: 0~55°C ; Discharge: -10~35°C			



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**Expandable
 up to 30kWh**