

Residential battery solutions



GESS-SW-50KWH-RW

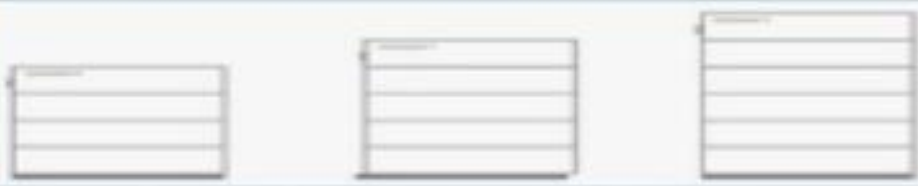
30-50kWh/300-500A/51.2V



Global Energy Storage Solutions Battery AB

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Technical Specifications

30~50kWh LV Stacked Energy Storage Battery			
System Demo			
Battery Module	10.24kWh, 200Ah, 51.2V, 96kg, 736*455*258mm		
Battery Type	LiFePo4		
Number Of Modules	3	4	5
Energy Capacity	30.72kWh	40.96kWh	51.2kWh
Useable Capacity	27.6kWh	36.9kWh	46.1kWh
Normal Voltage	51.2V		
Operating Voltage Range	44.8~56V		
Charge/Discharge Current	300A@0.5C	400A@0.5C	500A@0.5C
Dimension (mm)	736*455*880	736*455*1140	736*455*1395
Weight	96kg*3	96kg*4	96kg*5
General			
Operation Temperature	-10~55℃		
IP Protection	IP21		
Installation	Floor installation		
Warranty	5 years		
BMS	SOC, system voltage, current, cell voltage		
Communication Port	CAN		
Application			
Application scenarios	Solar system, power back up, UPS system		
Life Cycling	6000 cycles @ 0.5C; 80% DOD (0.5C & 25℃)		
Communication Port	CAN/RS485		

- Adopt the new class A lithium iron phosphate battery, more safe and reliable.
- 10 years warranty, 30 years design life.
- Longer service life, 6000 Cycles @ 0.5C 80%DOD.
- Has CE, MSDS, UN38.3 and other product certification.
- Built-in intelligent BMS, real-time monitoring of voltage, current, temperature, protect voltage, current stability, prevent short circuit, overcharge and overdischarge, and equipped with three-level fault warning.
- ROHS certified 6AWG cable, resistant to 200℃ temperature and 200A current.
- Compatible with 95% of inverter brands.
- Supports devices in parallel.