

Residential battery solutions



GESS-SW-5KWH-WLMA

5kWh/50A/51.2V



Global Energy Storage Solutions Battery AB

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Technical Specifications

5kWh Wall Mounted Solid State Energy Storage Battery	
Battery Type	LiFePo4 Solid-state
Capacity Energy	5.12kWh
Capacity	100Ah
Battery Pack Type	16S1P
Suggested SOC	10-100%
Nominal Voltage	51.2V
Operation Voltage	44.8V-57.6V
Maximum Charging/ Discharging Current	50A
BMS	Robust multi point monitoring BMS pre installed
Scalable (Parallel function)	Yes, maximum 6 packs
Life Cycling (0.5C & 25°C)	8000 cycles @ 0.5C; 80% DOD
Warranty	8 years
Operation Temperature	Charge: 0-45°C, Discharge: -20-45°C
Storage Temperature	-10-55°C
Net Weight	50kg
Gross Weight	65kg
Dimensions	640*490*195mm
Certifications	MSDS, UN38.3, CE, IEC62619 (Cell), UL (Cell)
IP Grade	IP21
Communication	RS232, RS485, CAN

- Adopt the new class A lithium iron phosphate solid state battery, more safe and reliable.
- 8 years warranty, 30 years design life.
- Longer service life, 8000 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°C temperature and 200A current.
- Compatible with 95% of inverter brands.
- Supports 6 devices in parallel with a maximum total capacity of 30.72kWh.