



* Outlook of the product may be subject to change without notice during product improving.

G Series Industrial ESS (Customizable)

- Grade A New Prismatic LiFePO4 Cells from tier 1 brands, with original manufacturer QR code.
- Scalable up to 10 ESS systems in parallel of up to Max. 50MWh energy capacity.
- Full protection: fire protection system, air-cooling system(liquid cooling optional), patented EV-level BMS
- All in one solution: integrated with MPPT, GEN port, PCS(Inverter), EMS.
- Lifespan up to 6000 cycles, 10+ years.
- Energy efficiency up to 98%, DOD up to 90%.
- Highly customizable: voltage, frequency, power, MPPT, IP grade, cooling system, etc.

Specifications

Model	G1200-600	G2500-1200	G5000-2400	
Battery				
Battery Configuration	768V 1570Ah	1331.2V 1884Ah	1331.2V 3768Ah	
Rated Energy	1205.76 kWh	2507.98 kWh	5015.962kWh	
Usable Energy	1085.18 kWh	2257.18 kWh	4514.365 kWh	
PCS (Power Conversion System)				
AC Side	AC Rated Power	600KW	1200KW	2400KW
	Max Power	750KW (60S)	1500KW (60S)	3000KW (60S)
	Rated Voltage	230V/380V/400V/440V/480V/690V/3.3kV/6.6kV/10kV/11kV, 3 Phase, Customizable		
	Rated Frequency	50/60Hz		
DC Side	Max Input Voltage	900V	1600V	1600V
	Max Input Current	700A	750A	1500A
MPPT (PV Input) Optional				
Rated Power	600KW	1200KW	2400KW	
Max Current	60A x 10	60A x 20	60A x 40	
MPPT Voltage Range	200-950V	200-950V	200-950V	
Physical				
Weight	18000 Kg	34000 Kg	57000 Kg	
Dimensions (W x D x H)	6096 x 2438 x 2591 mm	12192 x 2438 x 2591 mm	12192 x 2438 x 2591 mm	
Communication	Wifi/RS485			
Cycle Life	6000 cycles @0.2C 25°C 80%DOD			
Operating Temperature	Charge: 0~50°C/Discharge: -20~50°C/Storage:-20~45°C			
Humidity	≤90%			
Operating Altitude	≤2000m			
Cooling System	Air Cooling			
IP Grade	IP55			
Protection	Over Temperature, Over Current, Short Circuit, Over-charging, Over-discharging, Low Voltage, Fire Protection			
Certification	CE, UN38.3, MSDS			
Warranty	10 Years			