

Stackable Energy Storage System



GSL-A10-6K20



Safety

LFP Battery, stable and safe module, pack, system, triple protection;
IP65, outdoor installation, away from living room;



Simple

Modular design, single person can carry and install it;
Plug and play, 30 min quick installation;
Space saving; 0.15 sq. m foot print;



Intercon-
nection

Global cloud platform & Mobile APP anytime and any where;
Open API, support power internet applications;

GSL-AIO-6K20

Energy Storage System

Inverter Module	GSL-AIO-6K20
Battery Parameter	
Battery Type	LFP
Battery Energy	20.48kWh
Number of Batteries	4
Battery Voltage	51.2V
Voltage Range	42V ~ 60V
Max. Charging / Discharging Current	100A
Option	16PCS parallel supported (max 320kWh)
DC input (PV)	
Max. allowable input power	8000W
Max. input voltage	580V
Rated input voltage	350V
Start-up voltage	120V
MPPT voltage range	120-520V
Max. input current	15A/15A
Max. short circuit current	22.5A/22.5A
Number of MPPT/Max. number of PV strings	2/2
AC Output (Grid)	
Rated output power	6000W
Max. output power	6.6kW
Max. output apparent power	6.6kVA
Rated output current	27.3A
Max. output current	30A
Switching time	<10ms
Rated output voltage/frequency	L/N/PE 220V/230V 50Hz/60Hz
Output power factor	0.8 leading ... 0.8 lagging
Total current harmonic distortion rate (on-grid)	<2%
AC Output (Load)	
Max. output power	6.6kW
Max. output apparent power	6.6kVA
Max. output current	30A
Rated output voltage/frequency	L/N/PE 220V/230V 50Hz/60Hz
Total Voltage Harmonic Distortion Rate (off-Grid)	<3%
AC Output (Charging Pile)	
Max. output apparent power	7.4kVA
Max. output current	40A
Rated output voltage/frequency	L/N/PE 220V/230V 50Hz/60Hz
AC Input	
Max. output apparent power	10kVA
Max. output current	50A
Rated output voltage/frequency	L/N/PE 220V/230V 50Hz/60Hz
Efficiency	
Max. Conversion Efficiency	97.50%
Standard	
Safety Regulations	IEC62109-1/-2
Electromagnetic Compatibility	EN61000-6-1/EN61000-6-3
Basic Parameter	
Dimension (W*D*H)	595*435*1070mm
Weight	215.5kg
Cooling Method	air-cooling, wind speed adjustable
Protection Class	IP65
Ambient Temperature	-25°C~+60°C (>45degree)
Maximum altitude	3000m
Communication mode	RS485/WIFI/GPRS (external communication bar)