



All-In-One Energy Storage System GO-AIO-LV 10 / 20



Quality Assurance

Lithium battery and BMS provide double guarantee for GO-AIO energy storage system.



Reduce Investment

Integrated design, no separate investment in inverter.



Multiple selection

Two capacity options: 10/ 20kwh, which basically meets the household load.



Arbitrary Extension

Scale up to 4 battery modules in parallel based on your increasing power needs.



High Cost Performance

6000 cycles, 10 years service life, providing long-term energy for your home.

Technical Specification

System Specification		
Model	GO-AIO-LV 10	GO-AIO-LV 20
Number of Battery Modules	2	
Cell Technology	Lithium-iron Phosphate (LiFePO4)	
Nominal Energy	10kWh	20kWh
Usable Energy	9.8kWh	19.6kWh
Round-Trip Efficiency	98%	
Dimensions(L/W/H)	621*214*1750mm	
Weight	85kg	165kg
Installation	Indoor, On Floor	
Warranty	10 Years	
Inverter Parameters		
Phase	Single Phase	
PV INPUT (DC)		
Nominal DC Voltage / Maximum DC Voltage	360 V / 500 V	
Start-up Voltage / Initial Feeding Voltage	116 V / 150 V	
MPPT Voltage Range	120 V~ 450 V	
Number of MPP Trackers / Maximum Input	2 / 2 x 13 A	
GRID INPUT		
Nominal Output Voltage	208/220/230/240 VAC	
Output Voltage Range	184 - 264.5 VAC*	
Max. Output Current	23.9A*	
AC INPUT		
AC Start-up Voltage / Auto Restart Voltage	120 - 140 VAC / 180 VAC	
Acceptable Input Voltage Range	170 -280 VAC	
Maximum AC Input Current	40 A	
Display	SOC status indicator, LCD Indicator	
Communication	RS232, USB, Wi-Fi	
Battery Specification (Each battery module)		
Module Capacity	100Ah	200Ah
Module Nominal Voltage	51.2V	
Max. Cont. Discharging Current	100A	200A
Max. Charging/ Discharge Current	100A/120A at 1 min	200A/240A at 1 min
Charge Temperature Range	0°C~60°C (Under 0°C extra heating mechanism)	
Discharge Temperature Range	-20°C~60°C (Under 0°Cwork with reduced capacity)	
Storage Temperature Range	-40°C~55°C @ 60%±25% relative humidity	
Scalability	Max. 4 Modules in Parallel	
Cycle Life	≥6000 Times (80%DoD)	
Service Life	10 Years	

* Under specific test conditions.