

# STACKABLE ALL-IN-ONE ESS

**2PACK: 6kWh/10kWh**

**3PACK: 9kWh/15kWh**

**4PACK: 12kWh/20kWh**

**5PACK: 15kWh/25kWh**



## SAFETY & RELIABLE

- IP67, C4 salt spray resistance
- A+ grade cells with automotive-grade standard
- Smoke detection, active pressure relief
- Type II DC/AC surge protection, lightning-proof
- 300m AFCI detection with 0.5s rapid shutdown

## CONVENIENT & USER-FRIENDLY

- No meter/CT or additional accessories
- No electrical system modifications needed
- Stackable design for 10-25kWh capacity flexibility

## ADVANCED PERFORMANCE

- Industry-first zero injection without metre/CT
- 160% overload capacity, 150% instant off-grid overload
- UPS-grade seamless on/off-grid switching
- Three-phase unbalanced output for max. PV utilization

## ULTIMATE EXPERIENCE

- Automotive-grade BMS for efficient energy management
- Scenario-based app with real-time energy monitoring
- AI-powered cloud with 24/7 alerts and optimization
- Intelligent control for generators and heat pumps

# Technical Specifications

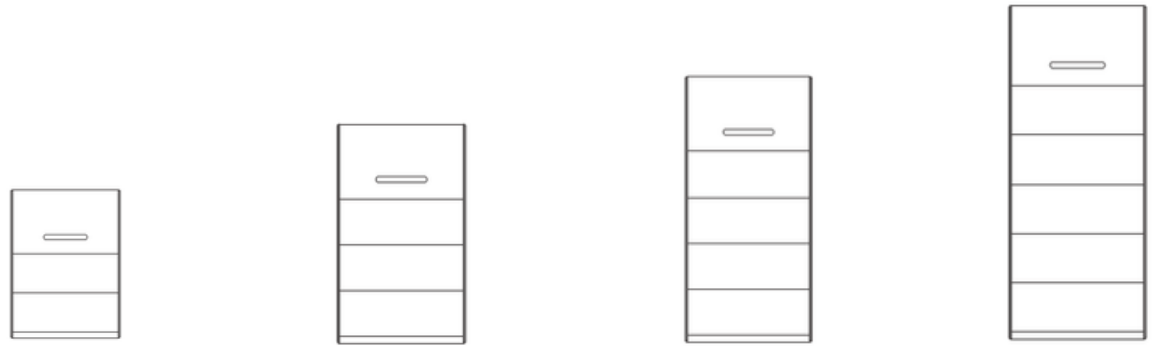
6kWh,9kWh,12kWh,15kWh



Model Number		AIO6kWh	AIO9kWh	AIO12kWh	AIO15kWh
System	Hybrid Inverter	1			
	<b>Battery Module</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
	Base	1			
PV Data	<b>Max.Input Power (max input power of each string)</b>	<b>160% Rated Total 9,600W (each string≤8,000W)</b>	<b>160% Rated Total 14,400W (each string≤8,000W)</b>	<b>160% Rated Total 19,200W (each string≤8,000W)</b>	<b>160% Rated Total 14,000W (each string≤8,000W)</b>
	Max. Input Voltage	1,000V			
	<b>MPPT Operating Voltage</b>	<b>140-980 V</b>			
	Start-Up Voltage	160V			
	<b>Max. input Current</b>	<b>20A/40A</b>			
	Max. Short Circuit Current	30A/60A			
	<b>Number of MPPT</b>	<b>2</b>			
	PV Input Number ( No. of strings per MPPT)	3 (1 / 2)			
AC data	<b>Grid Type</b>	<b>3/N/PE, 220V/380V, 230V/400V, 240V/415V</b>			
	Nominal Frequency	50Hz/ 60Hz			
	<b>Max. Passthrough Current</b>	<b>63A per phase</b>			
	Max. Apparent Power Output to Utility	6,600VA	9,900VA	13,200VA	16,500VA
	Output Power Factor	0.8 leading ...0.0 lagging			
	THDi	<3%			
Backup	Max. Continuous Output Power	6.600W	9.900W	13.200W	16.500W
	Peak Output Power (with PV)	150% Rated 9,000W, 10s	150% Rated 13,500W, 10s	150% Rated 18,000W, 10s	150% Rated 22,500W, 10s
	Switch Time	< 10ms			

# Technical Specifications

6kWh,9kWh,12kWh,15kWh



Model Number		AIO6kWh	AIO9kWh	AIO12kWh	AIO15kWh
Battery	Battery Type	LiFePO4			
	<b>Total Battery Capacity</b>	<b>10.6kWh</b>	<b>15.9kWh</b>	<b>21.2kWh</b>	<b>26.5kWh</b>
General	Operating Temperature	-10~50 °C			
	<b>Cooling Method</b>	<b>Natural Cooling</b>			
	Ingress Protection	IP67			
	<b>Dimensions ( W*H*D)</b>	<b>700*1320*200 mm</b>	<b>700*1670*200 mm</b>	<b>700*2020*200 mm</b>	<b>700*2370*200 mm</b>
	Weight	TOP module (46.4kg)*1+PACK (44kg)*N+base (5.6kg)*1			
	<b>Max. Operating Altitude</b>	<b>4.000m</b>			
	User Interface	LED/App/Web			
<b>Communication</b>	<b>CAN / RS485 / WIFI / 4G / LAN / PLC</b>				

