



30kW/100kWh Industrial & Commercial Energy Storage Solutions



High Safety

- Self-developed patented automatic assembly technology
- Safe and stable low-voltage operation
- No overheating, no explosion; safe and reliable

High Protection

- Anti-island protection, AC short circuit protection
- DC reverse connection protection, output over-current protection
- AI monitors PV string faults

High Integration

- Integrates 30kW/100kWh, unified design.
- Supports PV input and grid input
- Supports On/Off-grid operation

Zero disturbance

- Natural cooling, silent operation
- Ultra-slim body, flexible installation footprint

Smart Cloud

- LCD smart display interface, supports WIFI/4G
- Cloud data connection, monitors device status anytime via mobile/PC

Multi-scenario

- Modular unit design. easy disassembly/installation
- Zero commissioning; quick adaptation to diverse conditions



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Model	30kW/100kWh
PV Parameters	
Maximum DC Power	19.2kW+19.2kW
Maximum PV Voltage	850V
MPPT Voltage Range	200V~830V
Maximum PV Current	32A+32A
PV Starting Voltage	250V
On-grid Parameters (AC Side)	
Rated Power	30kVA
Rated Current	43.5A
Rated Voltage	400V/230V
Frequency Range	50Hz/60Hz
Power Factor	-0.8~0.8
Protection	Anti-islanding protection, Output overcurrent protection, DC reverse connection protection, String fault detection, AC/DC surge protection, AC short-circuit protection
Battery Parameters	
Battery Type	OPzV Solid lead battery
Cell Voltage	2V
Cell Capacity	300Ah
Energy Storage Capacity	100kWh
Battery Number	168
Voltage Range	302.4~394.8V
Rated Battery Voltage	336V
Off-grid Parameters (AC Side)	
Rated Voltage	400V/230V
Maximum Output Power	33kVA
Rated Output Power	30kVA
Rated Output Current	43.5A
Maximum Output Current	48A
General Parameters	
Dimensions(W*H*D)	2400*1200*2655
Weight	5500KG
Operating Temperature Range	-30~60°C
Cooling Method	Intelligent air-cooled
Maximum Working Altitude	2000m
Operating Humidity	5~95%
IP Code	IP54
Display	LCD
Communication	RS485/CAN