

<b>Model</b>	<b>100kW/400kWh</b>
<b>AC Side Parameters</b>	
Rated Output Power	100kW
Maximum AC Current	163A@45°C
Permissible Grid Frequency	50/60Hz
Permissible Grid Voltage	320-450Vac
AC Rated Current	144A@45°C
Output Mode	On-grid/Off-grid (Optional)
Protection	Anti-islanding protection, Output overcurrent protection, DC reverse connection protection, String fault detection, AC/DC surge protection, etc.
<b>DC Side Parameters</b>	
Maximum DC Power	110kW@45°C
DC Voltage Range	630-950Vdc
Maximum Current	163A@45°C
<b>Battery Parameters</b>	
Battery Type	OPzV Solid lead battery
Cell Voltage	2V
Cell Capacity	770Ah
Energy Storage Capacity	400kWh
Battery Number	270
Voltage Range	486~634.5V
Rated Battery Voltage	540Vdc
<b>General Parameters</b>	
Dimensions(W*H*D)	6058*2438*2591mm
Weight	24t
Operating Temperature Range	-20~50°C
Cooling Method	Intelligent air-cooled/Air conditioning cooling
Maximum Operating Altitude	2000m (2000m-4000m derating)
Operating Humidity	0~95% (Condensation-free)
IP Code	IP54
Display	HMI
Communication	RS485/Ethernet



# 100kW/400kWh 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 100kW/400kWh, unified design.
- Supports PV input (Optional), grid input and generator input
- Supports On-grid, Off-grid(Optional) 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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