



Product Features

Intelligent synergy

- Real-time monitoring of system stability;
- Optimized BMS control method with innovative concept.

High level of protection

- Integrated, high protection level structure design;
- Satisfying the installation and use in different conditions.

Powerful Performance

- Completely independent space design for battery and electrics, which improves the fire safety and reliability of the system.

Professional after-sales service

- Multi-dimensional after-sales service system;
- Local/remote EMS control logic, professional multi-platform access.

TECHNICAL SPECIFICATIONS

AC PARAMETERS (GRID-CONNECTED)

Apparent power	33kWA	66kWA	110kWA
Rated power	30kW	60kW	100kW
Rated Voltage	400V		
Rated current	43A	87A	144A
Voltage range	360~440V		
Rated frequency	50/60 Hz		
THDi	<3%		
Power factor	-0.8leading ~ +0.8lagging		
Wiring method	3/N/PE		
AC overload capacity	110% overload (long interval), 120% overload (1min)		

DC PARAMETERS

Voltage range	313~403V	313~403V	672~864V
Battery power	100.35kwh	100.35kwh	215.04kwh
Max. charging power	30kW	30kW	100kW
Max. discharging power	30kW	30kW	100kW
Max. charging current	100A	140A	140A
Max. discharging current	100A	140A	140A

SYSTEM PARAMETERS

Noise	<65dB(A)@1m		
Protection Level	IP54		
Fire protection	HFC227ea		
Cooling Method	Forced air		
Operating Temperature Range	-25 ~ 55°C		
Dimensions	1000*1000*2200mm	1000*1000*2200mm	1650*1000*2350mm
Product weight	1350kg	1350kg	2450kg
Humidity	0 ~ 95% (non-condensing)		
Working Altitude	4000m (> 2000m derating)		
Display	Touchscreen		
Communication interface	RS485 / LAN		