

All-in-one Energy Storage System

Highly Reliable

- Built-in BMS architecture, with an excellent protective mechanism
- IP55 protection design, can be installed under the eaves
- Real-time data monitoring and comprehensive data life cycle recording

Highly Integrated

- Module-level equalization
- Mobile APP is available for data visualization, big data analytics, and reporting statistics

Highly Flexibility

- Plug-and-play construction
- Complete module design and configuration as needed
- Support PV connected
- Support on/off grid applications



Up to 1C charge/discharge



Plug-and-play (all cables included)



10 years warranty



App Monitoring



IP65 protection



All-in-one Energy Storage System

TECHNICAL PARAMETER

ITEMS		H-A51200S
AC	Nominal Output Power	6kW
	Nominal Voltage	220V/230V/240V
	Nominal Frequency	50/60Hz
	Output THDu	<2%
	Nominal Output Current	27.2A
	Max. Efficiency	98%
PV	Max. Input Power	9kWp
	Starting Voltage	95V
	Max. Input Voltage	600V
	MPPT Voltage Range	80-550V
	Full Load MPPT Voltage Range	350-500V
	Max. Input String Per MPPT	1
	Number of MPPT	2
	Nominal Input Voltage	360V
Battery	Nominal Voltage	51.2V
	Nominal Capacity	10.44kWh
	Maximum Charging/Discharging Current	160A
	Peak Discharge Current	200A @2min 25°C
	Maximum Terminal Overcurrent Capacity	200A
General Parameter	Altitude	2000m
	Size (W x H x D)	620 x 1650 x 215mm
	Weight	145kg
	Cooling Method	Natural Cooling
	Ingress Protection Grade	IP55
	Operating Temperature Range	0°C~50°C
	Operating Humidity Range	0%~95%
	Cycle Life	8000
	Communication Port	RS485, CAN, Wi-Fi
	Safety Certificate	CE, UN38.3, IEC 62619
	Grid Certificate	VDE-AR-N 4105, C10-11, 698/G99, CEI 0-21, EN50549, NRS 097-2-1, AS 4777.2, R25, UNE217001, UNE217002, NTS 2.1