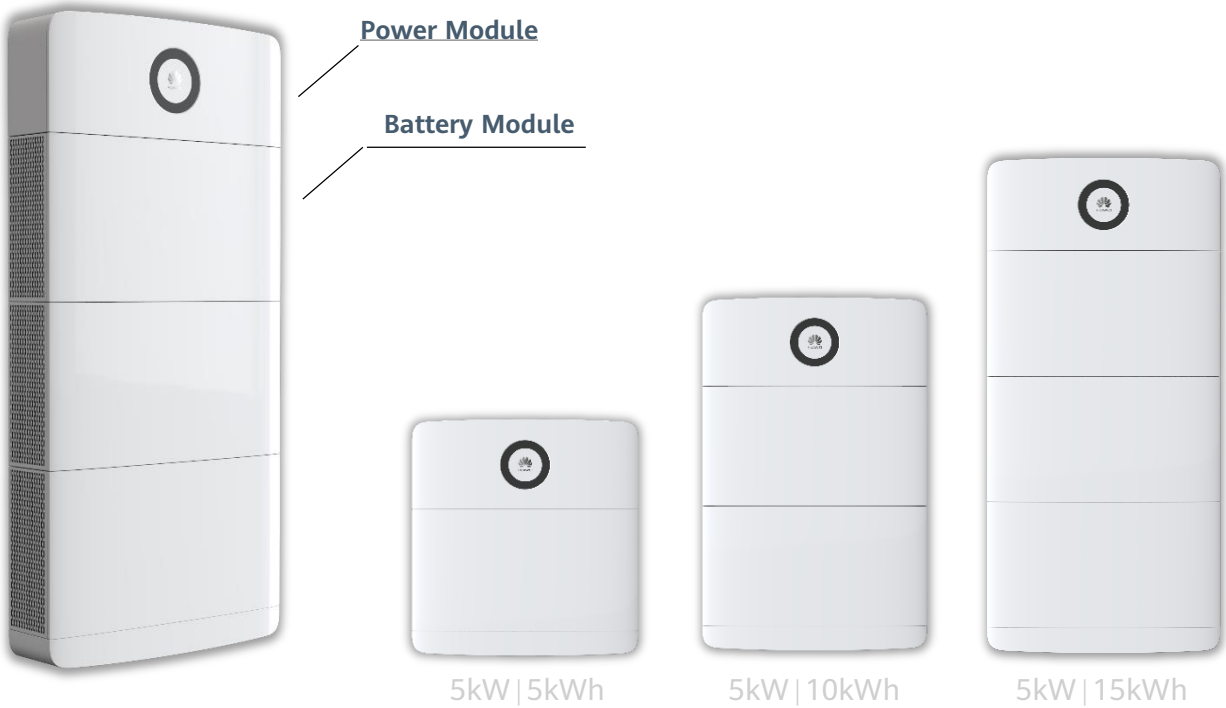




24 hours power supply

100% Depth of Discharge
Pack Level Energy Optimization



Safe & Reliable

Lithium Iron Phosphate (LFP) Cell
Built-in extinguish bag
Cell level monitoring



High quality Experience

Operating sound < 29dB
One app for all control

	Basic Parameters
Dimensions (W * H * D)	Single power module: 700 mm x 246 mm x 152 mm Single battery module: 700mm x 390 mm x 158 mm Base (mandatory for floor installation): 700 mm x 65 mm x 147 mm Base (mandatory for wall-mounted installation): 643 mm x 110 mm x 176 mm
Weight	Approx. 17 kg for a single power module Approx.50 kg for a single energy storage module
Installation Mode	Wall-mounted/ground-mounted
Degree of protection	IP66
	AC input
Input voltage	200/208/220/230/240V AC
Input current	Max. 30 A
Frequency	50/60Hz
Maximum bypass input power	6kW
Lightning protection	Differential mode: 3KA; common mode (two-wire pair PE): 5KA; 8/20 μs

	PV input
MPPT voltage range	90-420V DC
Maximum input capacity of the MPPT	5.5kWp
PV string quantity	2 strings
Number of MPPT channels	1 channel
Maximum input current for one string	12.5A
Maximum short circuit current for one string	18A
Lightning protection	Complies with EN/IEC 61643-11 TYPE II
	AC output
Output voltage system	Single-phase 200/208/220/230/240V AC. The default value is 220V AC
Output frequency	50/60 Hz. The default value is 50 Hz.
Maximum output current	30A
Output power	6kVA/5kW
Power factor	0.8
	Overload capacity
102% ≤ Load ≤ 125%	30s
125% < Load ≤ 150%	10s
> 150%/short circuit	0.3s
	Battery parameters
Rated capacity	5 kWh per module
Maximum capacity	Single system scenario: max. support 6 pcs batteries, 5 kW output (5Kw@30kWh) Parallel system scenarios: max. 3 power modules can be paralleled. Each power module supports max. 3 batteries (15Kw@45kWh)
Maximum output/input power	2.5 kW per module
	AC parallel box
Dimensions (W * H * D)	350 mm x 450 mm x 150 mm
Weight	Approx. 12 kg
Input voltage	200/208/220/230/240 V AC. The default value is 220 V AC.
Input current	Maximum 90A
Output voltage	200/208/220/230/240 V AC. The default value is 220 V AC.
Output current	Max. 90A
Cable outlet mode	Bottom in and bottom out
Installation Mode	Wall-mounted or pole-mounted installation
Degree of protection	IP55
	Environmental parameters
Operating temperature	0°C to 45°C (without +1120w/m ² solar radiation)
Transport temperature	- 40° C -+ 70° C
Storage temperature	- 40° C -+ 70° C
Relative humidity	5%-95% (RH)
Altitude Requirements	0~4000m (The operating temperature decreases by 1° C per 200m when the altitude is 2000 m to 4000 m.)

1. Test conditions: 100% depth of discharge (DoD), 0.2C rate charge & discharge at 25°C, at the beginning of life. If no PV modules are installed or the system has not detected sunlight for at least 24 hours, the minimum end of discharge SOC is 15%.
2. The weight of the battery module is subject to the actual product, with a tolerance of ±3%
3. Refer to battery warranty letter for conditional application.
4. Improper storage system installation may compromise product warranty and operation safety. Please follow the user manual during the installation, use and maintenance of the storage system.
5. Noise Level(Typical):<29 dB(A) @1m, 30°C, Power On and Run Stably for 2 Hours