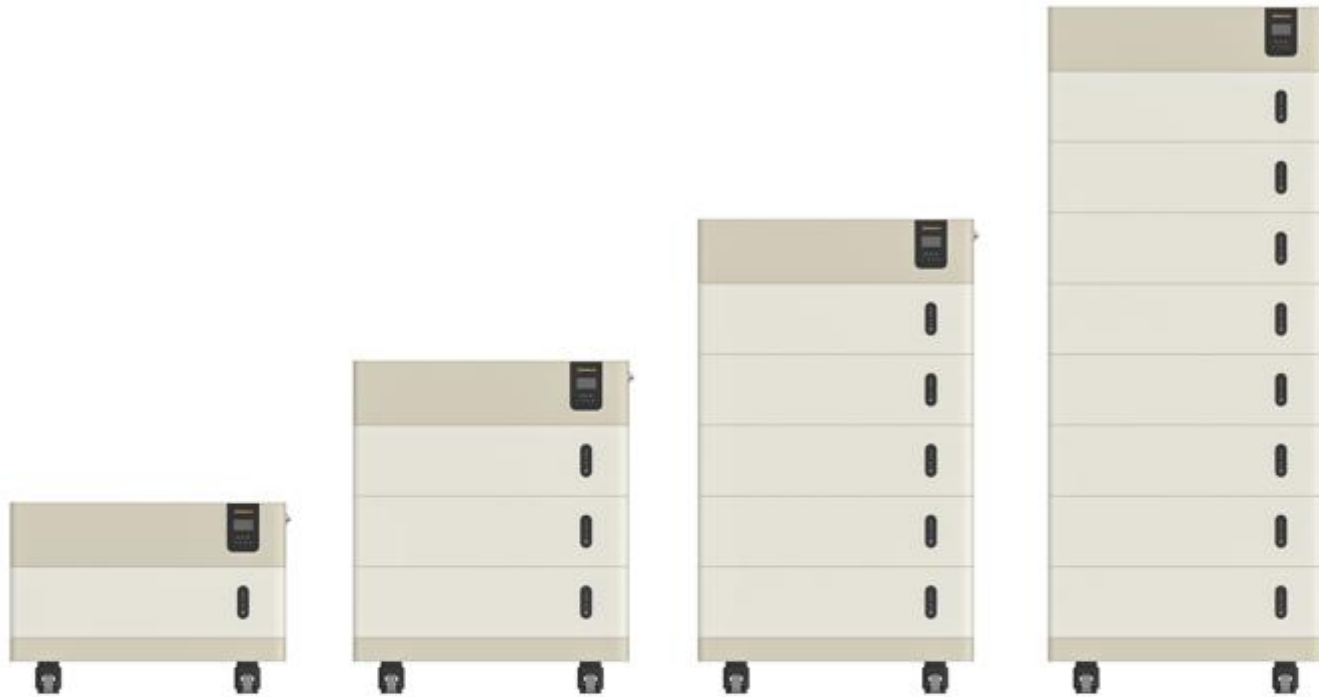


## Stackable all-in-one (brick style)



### Advantages



**MSDS**

**IP20**

**2Y warranty**

**IGBT**  
INFINEON

**MOSFET**  
Toshiba



**self R&D**  
BMS

**Grade A**  
GOTION

**5+5years**  
Warranty

### Features

- **Intelligent and Integration**  
Solar inverter, MPPT, battery are integrated in one set.
- **Modulization and Free Combination**  
5kWh storage capacity per battery module, expandable up to 8 batteries, users can expand the number of batteries according to their needs.
- **Easy Installation**  
Wireless connection between each battery, communication protocol automatically match, movable with pulley at the bottom, users just plug and play.
- **High Quality**  
Grade-A genuine battery cells from Chinese TOP5 brands; Self-developed automotive-class BMS.
- **High Cycle Life**  
6,000 cycle times; 15-year design life; 2 Year Inverter Warranty; 5 Year Battery Warranty.

## Product Parameters

Model	SUNIZE SSH-6KW -51.2V 100~800AH/IP20	
System specification	Nominal Output Power	6000W
	Rated Capacity	5.12 kWh / 10.24kWh / 15.36kWh / 20.48kWh / 25.6kWh / 30.72kWh / 35.84kWh / 40.96kWh
	Battery Chemistry	LiFePO4
	IP Protection	IP20 (Inverter)
	Warranty	2 Year Inverter Warranty; 10 Year Battery Warranty
Inverter Technical Specification	Model	SAGE ESH- 6KW/P
	Rated Power	6000VA / 6000W
	AC Voltage	230 VAC
	Voltage Regulation (Battery Mode)	230 VAC ± 5%
	Frequency Range	50Hz / 60 Hz (Auto sensing)
	Surge Power	12000VA
	Voltage Range	170-280VAC (For Personal Computers) 90-280 VAC (For Home Appliances)
	Efficiency (Peak)	Up to 93.5%
	Transfer Time	0ms (For Personal Computers); 20ms (For Home Appliances);
	Maximum PV Array Open Voltage(V)	500 VDC
	Maximum PV Array Power	6000W
	MPPT Voltage Range(V)	60 ~ 450 VDC
	Maximum Input Current	27A
	MPPT Tracker / Strings	1
	Maximum Solar Charge Current	120A
	Maximum AC Charge Current	100A
	Maximum Charge Current	120A
	AC Overcurrent	Yes
	AC Overvoltage	Yes
	Over Temperature Protection	Yes
	Smart Load Management	Yes
	On Grid	Yes
	Phase	Single-Phase
	Parallel Function	Yes (Optional)
	Operation Temperature	0 ~ 50°C
	Relative Humidity	0 ~ 95% (Non-condensing)
	Altitude	(>2,000m Derating)
Dimensions (WxDxH)	585 x 360 x 126.5 mm	
Net Weight	Approx. 9.0 kg	
Safety Standard	Touch Buttons	
Display	EN/IEC 62109-1, EN/IEC 62109-2	
Interface	Standard: RS485 / RS232 / CAN ; Optional: Wifi / Bluetooth	
Model	SUNIZE-B51.2V100AH/ 200AH/ 300AH/ 400AH/ 500AH/ 600AH/ 700AH/ 800AH	
Battery Technical Specification	Nominal Voltage	51.2V
	Rated Capacity	100Ah/ 200Ah/ 300Ah/ 400Ah/ 500Ah/ 600Ah/ 700Ah/ 800Ah
	Maximum Charging / Discharging Current	100A/ 200A/ 300A/ 400A/ 500A/ 600A/ 700A/ 800A
	Dimensions (WxDxH)	585 x 360 x 164 mm (Per Unit)
	Net Weight	Approx. 46.0 kg (Per Unit)
	Operating Temperature Range	Charging: 0°C ~ 50°C; Discharging: -15°C ~ 60°C
	Cycle Life	≥ 6000 (DoD>80%)