



Power Bank
for Your Home
SunSaver

The energy storage system
that saves you money.



red dot winner 2025



Energy Self-Sufficient

Make the most of your solar power
day and night — complemented by
low-cost grid electricity when needed



Flexible and Scalable

Expandable from 10 to 30 kWh —
modular, simple, and hassle-free



Always On

Backup switching in under
0.02 seconds



Smart Control Maximum Savings

AI-powered Smart-Eco Mode automatically
picks the cleanest and most cost-effective
energy for your battery



Technical Data



General Specifications			
Rated Output Power		12 kW	
Nominal Capacity		10 / 15 / 20 / 25 / 30 kWh (95% DoD)	
Battery Type		Li-ion (LFP)	
Cooling Concept		Natural Cooling	
Noise Emission		≤ 35 dB	
Degree of Protection		IP66	
Warranty		10 Years	
Hybrid Inverter			
Rated AC Voltage		220/380, 230/400, 3/N/PE, 3/PE	
Max. Recommended PV Array Power	19.2 kW	Rated Grid Frequency	50/60 Hz
Max. Input Current (Input PV/Input PV2)	2 × 20 A	Backup Power	< 20 ms
Max. DC Voltage	1100 V	Communication	Ethernet/WiFi/Bluetooth/4G(optional)
Max. Short Circuit Current	40 A	Operating Temperature Range	-18°C ~ 51°C
No. of MPP Trackers	1+1	Allowable Relative Humidity Range	5% ~ 95%
MPPT Voltage Range	150 ~ 1000 V	Net Weight	39 kg
Max. Charge/Discharge Power	12 kW	Dimension (W x H x D)	750 × 235 × 450 mm
Protection	Battery Soft-Start Protection		
	DC Reverse Polarity Protection		
	Anti-Islanding Protection		
	Surge Protection		
	AC Overcurrent Protection		
	AC Overvoltage Protection		
Battery			
Nominal Capacity	5 kWh	Dimension (W x H x D)	750 × 235 × 360 mm
Usable Energy	4.75 kWh	Weight	54 kg
Depth of Discharge	95%	System Battery Quantity	2 ~ 6
Nominal Voltage	102.4 V	Storage Temperature	-20°C ~ 35°C
Max. Charge Current	25 A	Operating Temperature Range	-18°C ~ 51°C
Max. Discharge Current	40 A	Charging Temperature	-18°C ~ 51°C
Cycle Life	8000	Installation	Floor Mounted

