



# The Power Bank for Your Home SunSaver

The energy storage system  
that saves you money.



- All-in-One Design
- Stackable and Modular Expandability
- Easy and Quick Installation
- Intelligent AI Prediction and Optimization
- Integration of Cloud, Edge, and Endpoint



## Technical Data

| General Specifications |                           |
|------------------------|---------------------------|
| Rated Output Power     | 12kW                      |
| Normal Capacity        | 10/15/20/25/30kWh(95%DoD) |
| Battery Type           | Li-ion(LFP)               |
| Cooling Concept        | Natural cooling           |
| Noise Emission         | ≤35dB                     |
| 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           | 19.2kW                         | Rated grid Frequency              | 50/60Hz                    |
| Max. Input Current (Input PV / Input PV2) | 2x20A                          | Backup power                      | <20ms                      |
| MaxDC Voltage                             | 1100V                          | Communication                     | Ethernet/WiFi/4G/Bluetooth |
| Max. Short Circuit Current                | 40A                            | Operating temperature range       | -18°C~51°C                 |
| No. of MPP Trackers                       | 1+1                            | Allowable relative humidity range | 5%~95%                     |
| MPPT Voltage Range                        | 150~1000V                      | Net weight                        | 39kg                       |
| Max. Charge / Discharge Power             | 12kW                           | Dimension (W x H x D)             | 750x235x450mm              |
| Protection                                | Battery soft -start protection |                                   |                            |
|                                           | DC Reverse polarity protection |                                   |                            |
|                                           | Anti-Islanding protection      |                                   |                            |
|                                           | Surge protection               |                                   |                            |
|                                           | AC overcurrent protection      |                                   |                            |
|                                           | AC overvoltage protection      |                                   |                            |

| Battery                |         |                             |               |
|------------------------|---------|-----------------------------|---------------|
| Nominal Capacity       | 5kWh    | Dimension (W x H x D)       | 750x235x360mm |
| Usable Energy          | 4.75kWh | Weight                      | 54kg          |
| Depth of Discharge     | 95%     | System battery quantity     | 2~6           |
| Nominal Voltage        | 102.4V  | Storage temperature         | -20°C~35°C    |
| Max. Charge Current    | 25A     | Operating temperature range | -18°C~51°C    |
| Max. Discharge Current | 40A     | Charging temperature        | -18°C~51°C    |
| Cycle Life             | 8000    | Installation                | Floor mounted |

