

SAINTISH

POWER-X OFF-GRID SYSTEM

SS-SUN5000/SS-SUN10000

Product Overview

The Saintish Power-X Off-grid System is one of the most powerful all-in-one off-grid energy storage system, specially designed for emergencies, power outages, and households with unstable electricity or without grid.



Performance Characteristics

- **Fast charging**
1.5 hours charging time from 0% to 100% SOC when charging with full current
- **Powerful output**
5kw power output, peak power up to 10kw
- **360°comprehensive protections**
Complete protections with short circuit protection, overvoltage and undervoltage protection, overload protection, back-flow protection, reverse polarity protection, etc.
- **Wi-Fi connection**
Convenient monitoring on the mobile phone with Wi-Fi module
- **Easy maintenance**
Module design, easy for maintenance and future upgrade
- **Light for the dark**
Blue lights on the sides of the door to light Power-X in the dark



APPLICATIONS



RV



Yacht



Home



Power Outage



UPS

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AUSTRALIAN CUSTOMER SERVICE
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SAINTISH

| Model | SS-SUN5000 | SS-SUN10000 |
|--|--|-------------------|
| Power Input | | |
| Rated AC Input Voltage | 230VAC ± 5% | |
| Rated AC Input Frequency | 50Hz/60Hz | |
| Maximum AC Bypass Current | 40A | |
| Maximum Battery Charge Current (AC) | 60A ± 5 | |
| Solar Input Voltage Range | 60VDC~145VDC | |
| Solar MPPT Voltage Range | 60VDC~115VDC | |
| Maximum Solar Input Power | 4200W | |
| Solar charge current range | 0-80A | |
| Power Output | | |
| Rated AC Output Voltage | 230VAC ± 5% | |
| Rated AC Output Frequency | 50Hz/60Hz | |
| Rated Output Power | 5000W | |
| Peak AC Output Power | 10000W | |
| Peak Efficiency | >92% | |
| Battery | | |
| Battery Type | Lithium Iron Phosphate | |
| Nominal Battery Voltage | 51.2VDC | |
| Rated Battery Capacity | 100Ah | 200Ah |
| Rated Battery Energy | 5.12KWh | 10.24KWh |
| Cycle Life | 4000 Cycles (80% DOD, 0.5C/0.5C, 25°C) | |
| General | | |
| Dimension | 23.6x21.8x36.6 inch / 600 x 555 x 930 mm (L*W*H) | |
| Weight | 242.5 lbs./110 kg | 352.7 lbs./160 kg |
| Cooling Method | Fan | |
| Operating Temperature Range | 5°F~131°F / -15°C~55°C | |
| Operating Relative Humidity Range | 5%~95% | |
| Noise | ≤60dB @ 1m | |
| WIFI Module | Yes | |
| Protection Degree | IP20 | |
| Certifications | | |
| 51.2V 100Ah Lithium Iron Phosphate Battery | CB/CE/UN38.3 | |
| 48V 5000W Solar Inverter Charger | CE | |
| Warranty | | |
| 51.2V 100Ah Lithium Iron Phosphate Battery | 5 Years Material and Workmanship Warranty | |
| 48V 5000W Solar Inverter Charger | 1 Year Material and Workmanship Warranty | |

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