

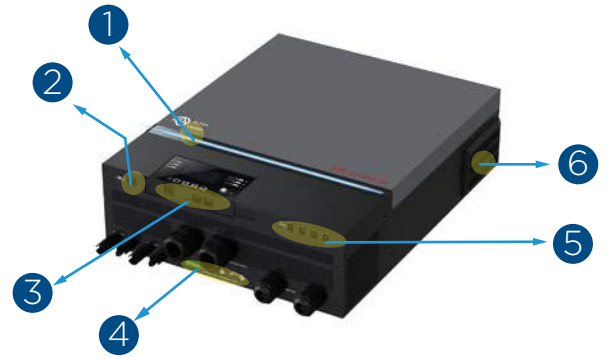
Solar Off Grid-Hybrid Inverter

Features

- Customizable status LED bar with RGB lights
- Built-in wifi for mobile monitoring (Android App is available)
- 2 MPPT's to maximize the energy harvest
- Supports USB On-the-Go function
- Reserved communication port for BMS (RS485, CAN-BUS or RS232)
- Replaceable fan design for ease of maintenance
- Battery independent design
- Configurable AC/PV output usage timer and prioritization
- Selectable high power charging current
- Selectable input voltage range for home appliances and personal computers
- Compatible to Utility Mains or generator input
- Built-in anti-dust kit
- Optional DC output for DC fan, LED bulb, router and so on
- Parallel operation up to 6 units

Models:

SPC III 7200-48



1 RGB light:
Different color to present output source from PV, Grid or battery and battery charge/discharge status



2 Communication for Remote panel



3 Diverse communications:
USB On-the-Go function, Dry contact and BMS communication



4 Maximum 6 units in parallel



5 DC output connectors:
Connect to DC fan, LED bulb or router



6 Anti-dust filter:
Increase product reliability in harsh environment



| | |
|--|--|
| MODEL | SPC III 7200-48 |
| Rated Power | 7200VA/7200W |
| INPUT | |
| Parallel Capability | Yes, 6 units |
| Voltage | 230 VAC |
| Voltage Range | 170-280 VAC (For Personal Computers) 90-280 VAC (For Home Appliances) |
| Frequency Range | 50 Hz/60 Hz (Auto sensing) ± 4Hz |
| OUTPUT | |
| AC Voltage Regulation (Batt. Mode) Surge | 230VAC ± 5% |
| Power | 15000VA |
| Efficiency (Peak) | 90% ~ 93% |
| Transfer Time | 15 ms (For Personal Computers) 20 ms (For Home Appliances) |
| Waveform | Pure sine wave |
| No Load Power Consumption | <70W |
| DC Voltage (Optional) | 12 VDC ± 5%, 100W |
| EFFICIENCY | |
| Battery Voltage | 48 VDC |
| Floating Charge Voltage | 54 VDC |
| Overcharge Protection | 66 VDC |
| SOLAR CHARGER & AC CHARGER | |
| Solar Charger Type | MPPT |
| Maximum PV Array Power | 8000 W |
| MPP Range @ Operating Voltage | 90 ~ 450 VDC |
| Maximum PV Array Open Circuit Voltage | 500 VDC |
| Maximum Solar Charge Current | 80 A |
| Maximum AC Charge Current | 80 A |
| Maximum Charge Current | 80 A |
| PHYSICAL | |
| Dimension, D x W x H (mm) | 147.4 x 432.5 x 553.6 |
| Net Weight (kgs) | 18.4 |
| Communication Interface | USB/RS232/RS485/Wifi/Dry-contact |
| ENVIRONMENT | |
| Humidity | 5% to 95% Relative Humidity (Non-condensing) |
| Operating Temperature | -10° C to 50° C |
| Storage Temperature | -15° C to 60° C |



All information contained in this document is subject to change without notice.

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