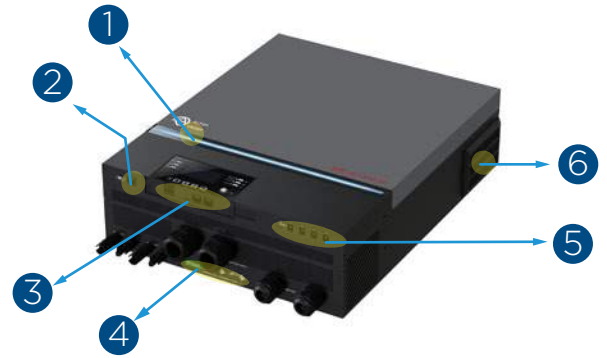


Solar Off Grid-Hybrid Inverter

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

Energy-MATE App
Android and iOS



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)	230VAC ± 5%
Surge 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 Maximum	80 A
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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