

SUNTRONIC PV 5000 PRO

SINGLE PHASE HYBRID INVERTER



BUILT-IN WIFI

Built-in WiFi with remote monitoring APP



WARRANTY

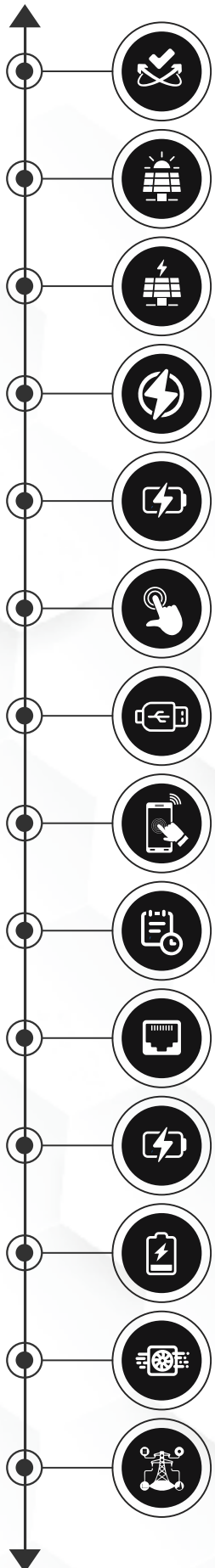
18 Months Warranty



DUAL OUTPUT

Dual output for smart load management

PV 5000 PRO FEATURES

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- Dual output for smart load management
 - PV input 5000
 - Maximum PV input current 27A
 - Wide PV input voltage range 60VDC~450VDC
 - Customizable status LED ring with RGB lights
 - Touchable button with large 4.3" colored LCD
 - Supports USB On-the-Go function
 - Built-in Wifi for mobile monitoring (Android/iOS App available)
 - Data log event stored in the inverter
 - Reserved communication port (RS485, CAN-BUS or RS232) for BMS
 - Battery equalization extends lifecycle
 - Enhanced charging power
 - Built-in anti-dust kit
 - Grid Feeding

DATASHEET

MODEL	
RATED POWER	4000VA/4000W
INPUT	
Voltage	230 VAC
Selectable Voltage Range	170-280 VAC (For Personal Computers) 90-280 VAC (For Home Appliances)
Frequency Range	50 Hz/60 Hz (Auto sensing)
OUTPUT	
AC Voltage Regulation (Batt. Mode)	230VAC \pm 10%
Surge Power	8000VA
Efficiency (Peak)	90% ~ 93%
Transfer Time	10 ms (For Personal Computers) 20 ms (For Home Appliances)
Waveform	Pure sine wave
BATTERY	
Battery Voltage	24 VDC
Floating Charge Voltage	27 VDC
2 vercharge Protection	33 VDC
SOLAR CHARGER & AC CHARGER	
Solar Charger type	MPPT
Maximum PV Array Power	5000W
MPP Range @ Operating Voltage	60 ~ 450 VDC
Maximum PV Array Open Circuit Voltage	500 VDC
Maximum PV Input Current	27A
Maximum Solar Charge Current	120A
Maximum AC Charge Current	100A
Maximum Charge Current	120A
PHYSICAL	
Dimension, D x W x H (mm)	119 x 313.6 x 457.5
Net Weight (kgs)	10
Communication Interface	USB/RS232/RS485/WiFi/Dry-contact
OPERATING ENVIRONMENT	
Humidity	5% to 95% Relative Humidity (Non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C

Product specifications are subject to change without further notice.