

# SUNTRONIC PV 6000 PRO

SINGLE PHASE HYBRID INVERTER



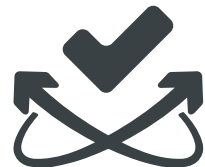
**BUILT-IN WIFI**

Built-in WiFi with remote monitoring APP



**WARRANTY**

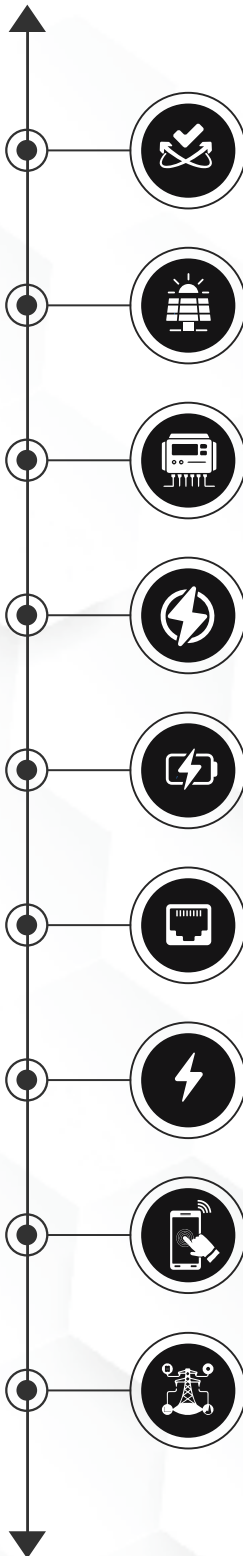
18 Months Warranty



**DUAL OUTPUT**

Dual output for smart load management

# PV 6000 PRO FEATURES

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- Dual input and dual output
  - Maximum PV input current increases to 27A Battery independent design
  - Built-in 120A MPPT solar charger
  - Wide PV input voltage range from 60VDC ~ 450VDC
  - Battery equalization function to optimize battery
  - Built-in communication port for BMS performance and extend lifecycle
  - Output power factor 1
  - Built-in Wi-Fi for mobile monitoring (App is available)
  - Grid Feeding

# DATASHEET

<b>MODEL</b>	<b>SUNTRONIC PV 6000 PRO</b>
<b>RATED POWER</b>	6000VA/6000W
<b>INPUT</b>	
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)
<b>OUTPUT</b>	
AC Voltage Regulation (Batt. Mode)	230VAC $\pm$ 5%
Surge Power	12000VA
Efficiency (Peak)	93%
Transfer Time	10 ms (For Personal Computers) 20 ms (For Home Appliances)
Waveform	Pure sine wave
<b>BATTERY</b>	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	63 VDC
<b>SOLAR CHARGER &amp; AC CHARGER</b>	
Solar Charger type	MPPT
Maximum PV Array Open Circuit Voltage	500 VDC
Maximum PV Array Power	6000W
Maximum PV Input Current	27A
MPP Range @ Operating Voltage	60-450 VDC
Maximum Solar Charge Current	120A
Maximum AC Charge Current	100A
Maximum Charge Current	120A
<b>PHYSICAL</b>	
Dimension, D x W x H (mm)	107 x 322.6 x 420.3
Net Weight (kgs)	10.5
Communication Interface	RS232/RS485/WiFi
<b>OPERATING ENVIRONMENT</b>	
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.