



# CoreTECH

## PV 5600

This compact solar inverter is designed to power your home appliances. It can convert solar power to battery power and provide continuous power to connected equipment during night time.



Max PV Input Current



Max PV Input



Dual AC Output 4000W



Built-in Wifi



Mobile & Web Monitoring



RGB lighting



USB ON-THE GO



Built-in BMS



120A Max Charging Current



Max PV Voltage 500VDC



Works With & Without Batteries 24VDC



### VM IV-4000 TWIN-PV 5600

<b>MODEL</b>	VM IV-4000 TWIN-PV 5600
<b>RATED POWER</b>	4000VA/4000W
<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 $\pm$ 10%
Surge Power	8000VA
Efficiency (Peak)	90% ~ 93%
Transfer Time	10 ms (For Personal Computers) 20 ms (For Home Appliances)
Waveform	Pure sine wave
<b>BATTERY</b>	
Battery Voltage	24 VDC
Floating Charge Voltage	27 VDC
Overcharge Protection	33 VDC
<b>SOLAR CHARGER &amp; AC CHARGER</b>	
Solar Charger type	MPPT
Maximum PV Array Power	5600W
MPP Range @ Operating Voltage	60 ~ 450 VDC
Maximum PV Array Open Circuit Voltage	500 VDC
Maximum PV Input Current	40A
Maximum Solar Charge Current	120A
Maximum AC Charge Current	100A
Maximum Charge Current	120A
<b>PHYSICAL</b>	
Dimension, D x W x H (mm)	136 x 300 x 400.2
Net Weight (kgs)	10
Communication Interface	USB/RS232/RS485/WiFi/Dry-contact
<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
Ingress Protection	IP21

Product specifications are subject to change without further notice.