



AEROX PLUS

3.2 KW SOLAR INVERTER

PRODUCT FEATURES

- ◇ High efficiency pure sine wave inverter (PF=1).
- ◇ Wide PV input range (120Vdc-500Vdc) 80A MPPT SCC.
- ◇ Intelligent 3 stage 80A AC battery charger.
- ◇ Intelligent functionality enables utility & solar input prioritization.
- ◇ Monitor, troubleshoot, or communication with USB/RS232.
- ◇ System configures quickly into compact, wall-mounted system.
- ◇ Enhance MPPT solar charge controller up to 4000 WATTS.
- ◇ Efficiently works without battery.
- ◇ Adaptable to Main Voltage / Generator Power.
- ◇ Built-in Anti Dust Kit.

5 YEARS WARRANTY
2 YEARS PRODUCT WARRANTY
3 YEARS SERVICE WARRANTY

3rd GENERATION
Up graded

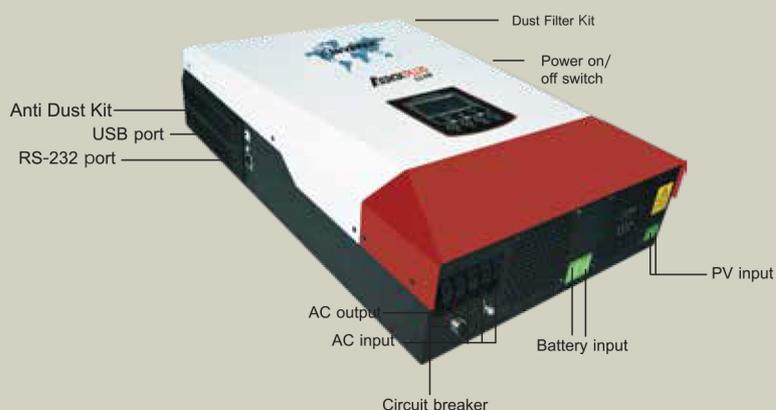
 Works Without Battery



ANTI DUST KIT

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Model	Aerox Plus 3.2 KW
RATED POWER	3200VA/3200W
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 5%
Surge Power	6400VA
Efficiency (Peak) PV to INV.	97%
Efficiency (Peak) Battery to INV.	94%
Transfer Time	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)
Waveform	Pure sine wave
BATTERY & AC CHARGER	
Battery Voltage	24 VDC
Floating Charge Voltage	27 VDC
Overcharge Protection	33 VDC
Maximum Charge Current	80 A
SOLAR CHARGER	
Maximum PV Array Power	4000W
MPPT Range @ Operating Voltage	120 ~ 450 VDC
Maximum PV Array Open Circuit Voltage	500 VDC
Maximum Charging Current	80A
Maximum Efficiency	98%
PHYSICAL	
Dimension, D x W x H (mm)	100 x 300 x 440
Net Weight (kgs)	9
Communication interface	USB / RS232
OPERATING ENVIRONMENT	
Humidity	5% to 95% Relative Humidity(Non-condensing)
Operating Temperature	0°C - 55°C
Storage Temperature	-15°C - 60°C

Product specifications are subject to change without further notice