



NS Solar Technologies

*Now Available With
PV Array Power 5000*

VM II 3.6

- ❑ Dual outputs, for smart load management and High Frequency
- ❑ Maximum PV input current increases to 27A.
- ❑ Wide PV input voltage range 60VDC ~ 450VDC.
- ❑ Battery independent design.
- ❑ Built-in 100A MPPT solar charger.
- ❑ Battery equalization function to optimize battery performance and extend lifecycle.



MPPT SOLAR INVERTER
FOR HOME & OFFICE
SMART POWER SOURCE



MODEL	VM II - 3.6K TWIN
Rated Power	3600VA / 3600W
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	7200VA
Efficiency(Peak)	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
Overcharge Protection	33 VDC
SOLAR CHARGER & AC CHARGER	
Solar Charger Type	MPPT
Maximum PV Array Open Circuit Voltage	500 VDC
Maximum PV Array Power	5000 W
Maximum PV Input Current	27A
MPPT Range @ Operating Voltage	60~450 VDC
Maximum Solar Charge Current	120 A
Maximum AC Charge Current	100 A
Maximum Charge Current	120 A
PHYSICAL	
Dimension, D x W x H (mm)	107 x 322.6x 420.3
Net Weight (kgs)	9.5
Communication Interface	USB/RS232
ENVIRONMENT	
Humidity	5% to 95% Relative Humidity (Non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C