

Residential Series








**INVERGY**  
UPGRADING POWER FOR BETTER FUTURE


## OFF GRID INVERTER – PREMIUM


INV VM4 T-4.0 kW (24V)

INV VM4 T-6.0 kW (48V)



-  Increased PV Power
-  Maximum PV Input Current 27A
-  Supports USB On-The-Go Function
-  Dual Output For Smart Load Management
-  Customizable Status LED Ring With RGB Lights
-  External CT Sensor To Guarantee 100% Self-Consumption
-  Built-In Wi-Fi With APP For Mobile Monitoring & OTA Firmware Upgrade

 Images may differ from the actual product.

 Toll Free No. 1800 309 7880

 [www.invergypowersupply.com](http://www.invergypowersupply.com)

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MODEL	INV VM4 T-4.0 kW	INV VM4 T-6.0 kW
RATED POWER	4000VA/4000W	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 $\pm$ 10%	
Surge Power	8000VA	12000VA
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	48 VDC
Floating Charge Voltage	27 VDC	54 VDC
Overcharge Protection	33 VDC	63 VDC
<b>SOLAR CHARGER &amp; AC CHARGER</b>		
Solar Charger type	MPPT	
Maximum PV Array Power	5600W	8000W
MPPT Range @ Operating Voltage	60 ~ 450 VDC	60 ~ 450 VDC
Maximum PV Array Open Circuit Voltage	500 VDC	500 VDC
Maximum PV Input Current	27A	
Maximum Solar Charge Current	120A	120A
Maximum AC Charge Current	100A	100A
Maximum Charge Current	120A	120A
<b>PHYSICAL</b>		
Dimension, D x W x H (mm)	119 x 313.6 x 457.5	
Net Weight (kgs)	10	12
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	