

100A<sup>True</sup>  
MPPT

1.5/3.0 KW

VM III PRO SERIES

SOLAR HYBRID INVERTER



## KEY SALIENT FEATURES

- Introducing 1st time in Pakistan, Supporting 500W Plus solar panels in small size inverter
- 100% Pure Sine Wave Solar Inverter
- Built-in (100A) MPPT Solar Charge Controller
- Output power factor 1.0
- Wi-Fi Optional - available for IOS/Android
- Built-in anti dust for harsh environment
- Smart battery charger design to optimize battery life
- Inverter running with battery
- Compatible with Li-ion, LifePo4 and etc
- High input voltage range (80-500VDC) for easy sharing with load
- Built-in DC output for DC Fan, LED Bulb, Router and so on
- Battery equalization/Lithium battery supported
- Adaptable to main voltage/generator power
- Conformal coating to prevent from Dust & Humidity
- Built-in automatic electronics breaker for overload & short circuit protection.
- Design and Engineered in Taiwan



\*Terms & Condition Applies

Certification



**Ain**  
SERIES

Powered by GROWATT PK

MODELS	VM III PRO 1500-12	VM III PRO 3000-24
Rated Power	1500VA/1500W	3000VA/3000W
<b>AC INPUT</b>	230 VAC	
Voltage	170–280 VAC (For Personal Computer)	
Selectable Voltage Range	90–280VAC (For Home Appliances)	
Frequency Range	50 HZ / 60 HZ (Auto Sensing)	
<b>AC OUTPUT</b>	230 VAC + 5%	
Surge Power	2400 VA	6000 VA
Efficiency (Peak) PV to INV	97%	
Efficiency (Peak) Battery to Inv	94%	
Transfer Time	10 ms (For Personal Computers); 20 ms (For Home Appliances)	
<b>BATTERY &amp; AC Charger</b>		
Battery Voltage	12 VDC	24 VDC
Floating Charge Voltage	13.5 VDC	27 VDC
Overcharge Protection	16 VDC	33 VDC
Maximum AC Charge Current	60A	
<b>SOLAR CHARGER</b>		
Maximum PV Array Power	2000W	4000W
MPPT Range @ Operating Voltage	80–430 VDC	80–430 VDC
Maximum PV Array Open Circuit Voltage	450 VDC	500 VDC
Maximum Charge Current	TRUE (MPPT) 100A	
Maximum Efficiency	98%	
<b>PHYSICAL</b>		
Dimension.D*W*H(mm)	423 x 368 x 172 mm	
Communication Interface	RS323/GPRS/WI-FI	
<b>OPERATING ENVIRONMENT</b>		
Humidity	5% to 95% Relative Humidity (Non-Condensing)	
Operating Temperature	0°C–55°C	
Storage Temperature	-15°C–60°C	

Note: Product specifications are subject to change without further notice.



Wi-Fi Device  
Optional

