

# Ain SERIES

## 80A TRUE MPPT

# 3.2 KVA

## VM II PLUS 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 (80A) MPPT Solar Charge Controller
- ✓ 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 (130~430VDC) for easy sharing with load
- ✓ Adaptable to main voltage/generator power
- ✓ Conformal coating to prevent from Dust & Humidity
- ✓ Design and Engineered in Taiwan



500+  
WATT SOLAR  
SUPPORT



HIGH  
PV INPUT  
130~430VDC



LITHIUM  
BATTERY  
SUPPORTED



WI-FI  
OPTIONAL



IP 21  
PROTECTION



80A MPPT  
CONTROLLER



NEW LCD  
DESIGN

MODELS	VM II PLUS 3200
Rated Power	3200VA
<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>	
AC Voltage Regulation	230 VAC + 5%
Surge Power	6000VA
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	24 VDC
Floating Charge Voltage	27 VDC
Overcharge Protection	33 VDC
Maximum AC Charge Current	60A
<b>SOLAR CHARGER</b>	
Maximum PV Array Power	4000W
MPPT Range @ Operating Voltage	130-430 VDC
Maximum PV Array Open Circuit Voltage	500 VDC
Maximum Charge Current	TRUE (MPPT) 80A
Maximum PV Input Current	18A
Maximum Efficiency	98%
<b>PHYSICAL</b>	
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



### Certification

