



RENTTECH INVERTER 5KVA 48V MPPT NP

5000 VA / 5000 W

GENERAL FEATURES

- Pure sine wave solar inverter
- Battery independent design: Operate without battery
- Output power factor 1
- Grid assisted, off-grid solar inverter:
PV only / PV + Battery / Battery only / Battery + Grid / PV + Battery + Grid
- High PV input voltage range
- Built-in 80A MPPT solar charger
- Built-in anti-dust kit for harsh environment
- User-friendly LCD operation
- Optional Wifi box and remote monitoring software:
Remote monitoring via web browser



PRODUCT SPECIFICATIONS *Product specifications are subject to change without further notice*

MODEL		Axpert VMII 5000-48
Rated power	5000 VA / 5000 W	
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)	230 VAC ± 5%	
Surge Power	10000 VA	
Efficiency (Peak)	90 ~ 93%	
Transfer Time	10ms (For Personal Computers) 20ms (For Home Appliances)	
Waveform	Pure sine wave	
BATTERY		
Battery Voltage	48 VDC	
Floating Charge Voltage	54 VDC	
Overcharge Protection	63 VDC	
SOLAR CHARGER & AC CHARGER		
Solar Charge type	MPPT	
Maximum PV Array Open Circuit Voltage	5000 W	
Maximum PV Array Power	120 ~ 450 VDC	
MPP Range @ Operating Voltage	500 VDC	
Maximum Solar Charge Current	80A	
Maximum AC Charge Current	60A	
Maximum Charge Current	80A	
PHYSICAL		
Dimension, D X W X H (mm)	100 x 300 x 440	
Net Weight (kgs)	10	
Communication Interface	USB / RS232	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity (Non-condensing)	
Operating Temperature	-10°C - 50°C	
Storage Temperature	-15°C - 60°C	

