



RENTTECH INVERTER 3KVA 24V MPPT NP

3000 VA / 2400 W

GENERAL FEATURES

- Pure sine wave solar inverter
- Grid assisted, off-grid hybrid solar inverter:
PV + Battery / Battery only / Battery + Grid / PV + Battery + Grid
- Selectable high power charging current
- Wide DC input range
- Selectable input voltage range for home appliances and personal computers
- Configurable AC/Solar input priority via LCD setting
- Compatible to mains voltage or generator power
- Auto restart while AC is recovering
- Overload and short circuit protection
- Smart battery charger design for optimised battery performance
- Cold start function



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

MODEL		Axpert VM 3000
Rated power	3000 VA / 2400 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	6000 VA	
Efficiency (Peak)	20 ms (Typical)	
Transfer Time	10ms (For Personal Computers) 20ms (For Home Appliances)	
Waveform	Pure sine wave	
BATTERY		
Battery Voltage	24 VDC	
Floating Charge Voltage	27 VDC	
Overcharge Protection	31 VDC	
SOLAR CHARGER & AC CHARGER		
Solar Charge type	MPPT	
Maximum PV Array Open Circuit Voltage	102 VDC	
Maximum PV Array Power	1300W	
MPP Range @ Operating Voltage	30 ~ 80 VDC	
Maximum Solar Charge Current	40A	
Maximum AC Charge Current	25A	
Maximum Charge Current	60A	
PHYSICAL		
Dimension, D X W X H (mm)	88 x 257.6 x 320	
Net Weight (kgs)	5.7	
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	

