

GROWCOL V Value Off-Grid Inverter



- Pure sine wave solar inverter
- 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 AC mains or generator power
- Auto restart while AC is recovering
- Overload and short circuit protection
- Smart battery charger design for optimized battery performance
- Cold start function

GROWCOL V Value Off-Grid Inverter Selection Guide

MODEL	VP 3000 Value	VM 3000 Value
Rated Power	3000VA / 2400W	
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)	230VAC ± 5%	
Surge Power	6000VA	
Efficiency (Peak)	90% ~ 93%	
Transfer Time	10 ms (For Personal Computers) 20 ms (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 Charger type	PWM	MPPT
Maximum PV Array Open Circuit Voltage	80 VDC	102 VDC
Maximum PV Array Power	1200 W	1000 W
MPP Range @ Operating Voltage	N/A	30~80 VDC
Maximum Solar Charge Current	50 A	40 A
Maximum AC Charge Current	25 A	25 A
Maximum Charge Current	70 A	60 A
PHYSICAL		
Dimension, D x W x H (mm)	88 x 257.6 x 320	
Net Weight (kgs)	5.4	5.7
Communication Interface	USB/RS232	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non-condensing)	
Operating Temperature	-10°C to 50°C	
Storage Temperature	-15°C to 60°C	

Product specifications are subject to change without further notice