



VP-MKS

Off-Grid Inverter

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- Built-in MPPT solar charge controller
- Selectable input voltage range for home appliances and personal computers
- Selectable charging current based on applications
- 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 optimized battery performance
- Cold start function



Remote panel



VP-MKS⁺
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MODEL	VP-MKS+ 2K-24	VP-MKS+ 2K-48	VP-MKS+ 3K-24	VP-MKS+ 3K-48
Rated Power	2000VA/1600W	2000VA/1600W	3000VA/2400W	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 Pow er	4000VA	4000VA	6000VA	6000VA
Efficiency (Peak)	90% - 93%			
Transfer Time	10 ms (For Personal Computers) 20 ms (For Home Appliances)			
Waveform	Pure sine w ave			
BATTERY				
Battery Voltage	24 VDC	48 VDC	24 VDC	48 VDC
Floating Charge Voltage	27 VDC	54 VDC	27 VDC	54 VDC
Overcharge Protection	31 VDC	62 VDC	31 VDC	62 VDC
SOLAR CHARGER & AC CHARGER				
Maximum PV Array Power	1500 W	3000 W	1500 W	4000 W
MPPT Range @ Operating Voltage	60 VDC ~ 115 VDC			
Maximum PV Array Open Circuit Voltage	145 VDC			
Maximum Solar Charge Current	60A			
Maximum AC Charge Current	20 A or 30 A (Selectable)	10 A or 15 A (Selectable)	20 A or 30 A (Selectable)	10 A or 15 A (Selectable)
Maximum Charge Current	90 A	75 A	90 A	75 A
Maximum Efficiency	98%			
Standby Power Consumption	2 W			
PHYSICAL				
Dimension, D X W X H (mm)	140 x 295 x 479			
Net Weight (kgs)	11.5			
OPERATING ENVIRONMENT				
Humidity	5% to 95% Relative Humidity(Non-condensing)			
Operating Temperature	0°C to 55°C			
Storage Temperature	-15°C to 60°C			

Product specifications are subject to change without further notice.