

Wall mounted Solar Inverter

P series 1000VA to 5000VA



Full protection:

Protection for low battery voltage, over load, output short circuit and over-temperature. Restrain surge interference, eliminate noise, protection for thunder striking, provide the reliable power to the home appliances.

Key Features:

- Pure sine wave inverter.
- Cold start function.
- Remote panel available.
- Auto restart while AC is recovering.
- Overload and short circuit protection.
- Compatible to mains voltage or generator power.
- Selectable charging current based on applications.
- Configurable AC/Solar input priority via LCD setting.
- Built-in PWM solar charge controller.
- Smart battery charger design for optimized battery performance.
- Parallel operation with up to 6 units only available for 4KVA/5KVA.
- Selectable input voltage range for home appliances and personal computers

Model choose sheet

Model	P1K-1250	P2K-2450	P3K-2450	P4K-4850	P5K-4850
Rated Power	1000VA / 800W	2000VA/1600W	3000VA / 2400W	4000VA / 3200W	5000VA / 4000W
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	2000VA	4000VA	6000VA	8000VA	10000VA
Efficiency (Peak)	90%	93%			
Transfer Time	10 ms (For Personal Computers) 20 ms (For Home Appliances)				
Waveform	Pure sine wave				
BATTERY					
Battery Voltage	12 VDC	24 VDC	48 VDC		
Floating Charge Voltage	13.5 VDC	27 VDC	54 VDC		
Overcharge Protection	15.5 VDC	31 VDC	60 VDC		
SOLAR CHARGER & AC CHARGER					
Maximum PV Array Open Circuit Voltage	50VDC	60VDC	105VDC		
Standby Power Consumption	1 W	2 W	2W		
Maximum Solar Charge Current	50A	50A	50A		
Maximum AC Charge Current	20A	30A	60A		
Maximum Charge Current	50A	50A	110A		
PHYSICAL					
Dimension, D x W x H (mm)	95x240x316	100x272x355	120x295x468		
Net Weight (kgs)	5	6.4	6.9	9.8	9.8
OPERATING ENVIRONMENT					
Humidity	5% to 95% Relative Humidity(Non-condensing)				
Operating Temperature	0° C - 55° C				
Storage Temperature	-15° C - 60° C				

Wall mounted Solar Inverter

M series 1000VA to 5000VA



Key Features:

- Pure sine wave inverter.
- Cold start function.
- Remote panel available.
- Auto restart while AC is recovering.
- Overload and short circuit protection.
- Compatible to mains voltage or generator power.
- Selectable charging current based on applications.
- Configurable AC/Solar input priority via LCD setting.
- With MPPT solar charge controller.

Model choose sheet

Model	M1K-2425	M2K-2425	M3K-2425	M4K-4880
Rated Power	1KVA/800W	2KVA/1600W	3KVA/2400W	4KVA/3200W
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	2000VA	4000VA	6000VA	8000VA
Efficiency (Peak)	90%	93%		
Transfer Time	10 ms(For Personal Computers) ; 20ms (For Home Appliances)			
Waveform	Pure sine wave			
BATTERY				
Battery Voltage	24 VDC			48VDC
Floating Charge Voltage	27 VDC			54VDC
Overcharge Protection	31 VDC			60VDC
SOLAR CHARGER & AC CHARGER				
Maximum PV Array Power	600W	600W	4000W	
MPPT Range @ Operating Voltage	30 ~ 66VDC		30 ~ 66VDC	60VDC ~115VDC
Maximum PV Array Open Circuit Voltage	75VDC		75VDC	145 VDC
Maximum Solar Charge Current	25A		25A	80A
Maximum AC Charge Current	20A	30A	30A	60 A
Maximum Charge Current	25A	30A	30A	140A
AC charger and solar charger can't work at the same time.				