



TECHNICALPARAMETER

MODEL	QVP 1K	QVP 2K	QVP 3K
The Rated Power	1KW	2KW	3KW
BATTERY			
Battery Voltage	12VDC	24 VDC	24VDC
Floating Charge Voltage	13.5VDC	27VDC	27VDC
Overcharge Protection	16VDC	32VDC	32 VDC
INPUT			
Voltage	230 VAC		
Selectable Voltage Range	90-280VAC(For Home Appliances),170-280VAC(For Personal Computers)		
Frequency Range	50 Hz/60 Hz(Auto sensing)		
OUTPUT			
AC Voltage Regulation(Ball.Mode)	230VAC±5%		
Surge Power	2000VA	4000VA	6000VA
Efficiency(Peak)	90%	93%	93%
Transfer Time	10 ms(For Personal Computers);20 ms(ForHome Appliances)		
Waveform	Pure sine wave		
SOLAR CHARGER &AC CHARGER			
Maximum PV Array Power	600W	1200 W	1200 W
PWM Range Operation Vol	16-22 VDC	32-44 VDC	32-44VDC
Maximum PV Array Open Circuit Vol	40VDC	60VDC	60 VDC
Standby Power Consumption	2 W		
Maximum Solar Charge Current	PWM 50A		
Maximum AC Charge Current	20A	20A	25A
Maximum Charge Current	50A	70A	70A
Maximum Efficiency	98%		
BEST PANEL CONFIGUTATION			
Max. Generated from Solar Charger	600w	1200W	1200W
Best Panel Configuration	150W*18V*4Parallel	330W*36V*4Parallel	330W*36V*4Parallel
PHYSICAL			
Dimension,D*W*H(mm)	400*320*190	400*320*190	420*390*193
Net Weight (kgs)	5.4	6.15	7.8
OPERATING ENVIRONMENT			
Humidity	5% to 95% Relative Humidity(Non-condensing)		
Operating Temperature	0°C-50°C		

MAIN FEATURES

- 1.Selectable Input Voltage Range for Home Appliances and Personal Computers
- 2.Solar Charger and AC Charger Built Inside, Compatible to Grid Power or Generator Power
- 3.Configurable Priority of AC/Solar Charge Via LCD Setting
- 4.Auto Restart While AC is Recovering, Auto Charge and switch, Unattended Operation
- 5.Smart Battery Charger and Management for Optimized Battery Performance

Solar System Connection

