



**Technical Specifications:**

Model	PowerX Series 3.6KW	PowerX Series 8KW
Capacity	3600VA/3600W	8000VA/8000W
Parallel	No	Yes, 6 units
<b>INPUT</b>		
Selectable Voltage Range	230 VAC	
Frequency Range	170-280 VAC (For Personal Computers); 90-280 VAC (For Home Appliances)	
<b>OUTPUT</b>		
AC Voltage Regulation (Batt. Mode)	230 VAC ± 5%	
Surge Power	7500VA	15000VA
Efficiency (Peak)	90%-93%	
Transfer Time	15ms (For Personal Computers) 20ms (For Home Appliances)	
Waveform	Pure sine wave	
No Load Power Consumption	<45W	<70W
<b>BATTERY</b>		
Battery Voltage	24 VDC	48 VDC
Floating Charge Voltage	27 VDC	54 VDC
Overcharge Protection	33 VDC	66 VDC
<b>SOLAR CHARGER &amp; AC CHARGER</b>		
Solar Charger type	MPPT	
Max. PV Array Open Circuit Voltage	500VDC	500VDC
MPP Range @operating Voltage	120-450VDC	90-450VDC
Max. PV Array Power	4000 W	8000 W (4000 W x2)
Max. Solar Charge Current	80 A	80 A
Max. AC Charge Current	80 A	80 A
Max. Charge Current	80 A	80 A
<b>PHYSICAL</b>		
Dimension, D x W x H (mm)	147.4 x 432.5 x 553.6	
Net Weight (kgs)	14.1	18.4
Communication Interface	USB/RS232/RS485/WiFi/Dry-contact	
<b>ENVIRONMENT</b>		
Humidity	5% to 95% Relative Humidity (Non-condensing)	
Operating Temperature	-10° C to 50° C	
Storage Temperature	-15° C to 60° C	

## Main Features

- Customizable status LED bar with RGB lights
- Built-in WiFi for mobile monitoring (Android/iOS App are available)
- Support USB on the go function
- Reserved communication port for BMS (RS485, CAN-BUS or RS232)
- Replaceable fan design for ease of maintenance
- Battery independent design
- Configurable AC/PV output usage timer and prioritization
- Selectable high power charging current
- Selectable input voltage range for home appliance and personal computers
- Compatible to Utility Mains or generator input
- Built-in anti-dust kit
- Optional DC output for DC fan, LED bulb, router and so on
- Parallel operation up to 6 units

