

## Kingston UPS Smart Hybrid Solar Inverter (PowerX Pro Series)

The PowerX Pro series all in one solar system is the perfect go-to solution for ON/OFF-grid System, backup power for homes, small business and it also delivers a value added, easy to install system that provides efficient power globally for every need.

### Key Features:

- ◆ Pure Sine Wave Inverter
- ◆ Configurable input voltage range for home appliances and personal computers via LCD screen
- ◆ Configurable AC Solar Charger priority via LCD setting
- ◆ Compatible to mains voltage or generator power
- ◆ Auto restart while AC is recovering
- ◆ Overload/ Over temperature/ short circuit protection
- ◆ Smart battery charger design for optimized battery performance
- ◆ Communicate with WIFI
- ◆ configurable AC/PV Output usage timer and prioritization
- ◆ System configures quickly into compact, wall-mounted system.



Model	PowerX Pro 3600	PowerX Pro 6500
<b>RATED POWER</b>	3600W	6500W
<b>INPUT</b>		
<b>Voltage</b>	230 VAC	
<b>Selectable Voltage Range</b>	170-280 VAC (For Personal Computers) 90-280 VAC (For Home Appliances)	
<b>Frequency Range</b>	50 Hz/60 Hz (Auto sensing)	
<b>OUTPUT</b>		
<b>AC Voltage Regulation (Batt. Mode)</b>	230VAC ± 5%	
<b>Surge Power</b>	7200VA	12400VA
<b>Efficiency (Peak) PV to INV.</b>	97%	
<b>Efficiency (Peak) Battery to INV.</b>	94%	
<b>Transfer Time</b>	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)	
<b>Waveform</b>	Pure sine wave	
<b>BATTERY &amp; AC CHARGER</b>		
<b>Battery Voltage</b>	24 VDC	48 VDC
<b>Floating Charge Voltage</b>	27 VDC	54 VDC
<b>Overcharge Protection</b>	33 VDC	63 VDC
<b>SOLAR CHARGER</b>		
<b>Maximum PV Array Power</b>	6200 W	6500 W
<b>MPPT Range @ Operating Voltage</b>	90 ~ 450 VDC	
<b>Maximum PV Array Open Circuit Voltage</b>	500 VDC	
<b>Maximum Charging Current</b>	120A	
<b>Maximum Efficiency</b>	98%	
<b>Grid-Tie Operation</b>		
<b>Inverter Mode</b>	3600W	6500W
<b>Nominal Output Voltage</b>	220/230/240VAC	
<b>Feed-in Grid Voltage Range</b>	195-253VAC	
<b>Feed-in Grid Frequency Range</b>	49-51±1Hz	
<b>Nominal Output Current</b>	15.7A	27.1A
<b>Power Factor Range</b>	>0.99	
<b>PHYSICAL</b>		
<b>Dimension, D x W x H (mm)</b>	100 x 300 x 444	
<b>Net Weight (kgs)</b>	10	11
<b>Communication interface</b>	WIFI	
<b>OPERATING ENVIRONMENT</b>		
<b>Humidity</b>	5% to 95% Relative Humidity(Non-condensing)	
<b>Operating Temperature</b>	0°C - 55°C	
<b>Storage Temperature</b>	-15°C - 60°C	

Kingston UPS reserves the right to make any changes to data without prior notice.

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