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## **X-VERTER**

612/1012/1524 WM

[www.cdpenery.com](http://www.cdpenery.com)



### **FEATURES**

The series X-VERTER is an advanced line interactive uninterruptible power system that produces pure sine wave power to your equipment; unlike the traditional off-line UPS, the series provides very short transference when blackouts happen, and zero transference from AC mode to battery mode and vice-versa.

The voltage regulation of the series is similar to an online UPS; however, the series provide efficiency over 98% under normal power condition.

Two charge modes, quick charge, and trickle charge are provided to maintain the batteries in the best condition.

- Pure sine wave output.
- Microprocessor based design.
- Smartest charging, fast and stable.
- Real-time auto-detection for battery condition.
- LCD.
- Efficient toroidal transformer at the lowest energy loss.

# X-VERTER

## 612/1012/1524 WM



Model	X-VERTER-612WM	X-VERTER-1012WM	X-VERTER-1524WM
Phase		Single-in, single-out	
VA rater	600VA	1000VA	1500VA
Power	400W	700W	1000W
Power factor		0.8	
Display		Led	
<b>AC Input</b>			
Connection		L, N+G wire	
Voltage range		72-137Vac	
Frequency		45Hz-65Hz	
Charge current		0-30A	
<b>AC Output</b>			
Voltage		120V ±2% o 240V ± 3%	
Frequency		50Hz ± 0.5% o 60Hz ± 0.5%	
Efficiency		> 99% in city mode; > 80% in inverter mode	
Transfer time		≤1.5ms	
Transient reaction		When load changes between 0 and 100%, voltage <3%	
Distortion		Pure sine ware, THD <3% liner load	
THD		<3% liner load, <10% non-linear load	
<b>Battery</b>			
Battery voltage	12VDC	12VDC	24VDC
Type		Lead-Acid maintenance free battery	
Balanced charge voltage		13.6 - 13.8Vdc (single 12V battery)	
Floating charge voltage		13.3 - 13.5Vdc (single 12V battery)	
<b>Protection</b>			
Overload protection		110%, the device off in 30 seconds; 120%, the device off in 2 seconds;	
Short-circuit protection		Overload at city power, buzzer alarms	
High/Low voltage		Shut off inverter at once	
Polarity protection		Yes	
Overheat protection		Yes	
<b>System &amp; environmental</b>			
Efficiency		> 99%	
Communication port		RS232/R5485 Optional	
Heat dissipating		Cooling fan	
Noise		< 45 dB (1m)	
Temperature		0 - 40°C	
Humidity		20% - 90% (non condensing)	
Protection class		IP20	
<b>Physical</b>			
Equipment Dimensions		327*276*79mm	
Packing dimensions		480*400*150mm	
Weight N.W. / G.W. (kg)	6.7kg / 7.2kg	7.7kg / 8.2kg	9.0kg / 9.5kg
<b>Communication</b>			
Smart RS-232/USB	Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux, Unix y MAC		
Option SNMP	Power management from SNMP supervisor & web browser		

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