

Join us in the **change**



X-VERTER

3048 / 5048WM



FEATURES

The series X-VERTER is an advanced Line-Interactive Uninterruptible Power System which 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 On-line 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 & stable.
- Real time auto detection for battery condition.
- LCD display.
- Efficient toroidal transformer at the lowest energy loss.

X-VERTER

3048 / 5048WM



Model	3048WM	5048WM
Phase	Single-in, single-out	
VA rater	3KVA	5KVA
Power	2400W	4000W
AVR	√	√
Display	Full function graphical LCD display	
CA Input		
Connection	L, N+G wire	
Voltage range	AVR: 80Vac - 150Vca o 158Vca - 300Vca NO AVR: 104Vca - 145Vca o 200Vca - 277Vca	
Frequency	45Hz - 65Hz	
Charge current	20A	40A
CA Output		
Voltage	AVR: 120V ± 10% o 240V ± 10% NO AVR: 120V ± 15% o 240V ± 15%	
Local power grid mode	AVR y NO AVR: 120V ± 3% o 240V ± 3%	
Battery mode	50Hz ± 0.5% o 60Hz ± 0.5%	
Frequency	> 99% in city mode; > 80% in inverter mode	
Efficiency	≤ 4ms	
Transfer time	When load changes between 0 and 100%, voltage <3%	
Transient reaction	Pure sine ware, THD <3% line load	
Distortion	<3% liner load, <10% non-liner load	
THD		
Battery		
Battery voltage	48VCD	48VCD
Type	Lead-Acid maintenance free battery	
Balanced charge voltage	13.6 - 13.8Vcd (single 12V battery)	
Floating charge voltage	13.3 - 13.5Vcd (single 12V battery)	
Protection		
Overload protection	110%, close the device in 30 seconds; 120%, close the device in 2 seconds;	
Short-circuit protection	Overload at city power, buzzer alarms	
High/Low voltage protection	Shut off inverter at once	
Anti-polarity protection	Yes	
Overheat protection	Yes	
System & Environmental		
Efficiency	>99%	
Communication port	RS232/RS485 optional	
Heat dissipating	Cooling fan	
Noise	< 45 dB (1m)	
Temperature	0 - 40°C	
Humidity	20% - 90% (non condensing)	
Protection class	IP20	
Physical		
Equipment size	360*127*455mm	400*162*565mm
Package size	550*453*217mm	660*490*250mm
Communication		
Smart RS-232/USB	Support Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux, Unix y MAC	
Option SNMP	Power management from SNMP supervisor & web browser	

Join us in The change