Join US in the Change

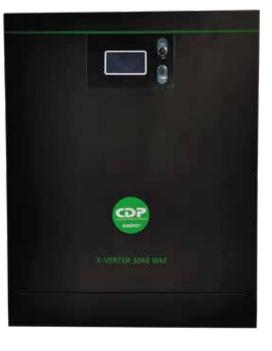
CHICAGO DIGITAL POWER

SOLAR

X-VERTER

www.cdpenergy.com

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 OUTPOUT.
- 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 <u>3048 / 5048</u>WM

Model	3048WM	5048WM
Phase VA rater Power	3KVA 2400W	in, single-out 5KVA 4000W
AVR Display	√ Full function graphical LCD display	
Connection Voltage range Frequency Charge current	AVR: 80Vac - 150Vca o 158Vca - 300Vca	N+G wire NO AVR: 104Vca - 145Vca o 200Vca - 277 Hz - 65Hz 40A
CA Output		
Voltage Local power grid mode Battery mode Frequency Efficiency Transfer time Transient reaction Distortion THD	AVR y NO AVR: 1 50Hz ± 0.5 > 99% in city mode When load changes betw Pure sine ware	NO AVR: 120V ± 15% o 240V ± 15% 220V ± 3% o 240V ± 3% % o 60Hz ± 0.5% ; > 80% in inverter mode ≤ 4ms ween 0 and 100%, voltage <3% e, THD <3% line load <10% non-liner load
Battery		
Battery voltage Type Balanced charge voltage Floating charge voltage Protection	13.6 - 13.8Vcd	48VCD tenance free battery (single 12V battery) (single 12V battery)
Overload protection Short-circuit protection High/Low voltage protection Anti-polarity protection Overheat protection	Overload at city	nds; 120%, close the divice in 2 seconds; power, buzzer alarms nverter at once Yes Yes Yes
System & Environmental		
Efficiency Communication port Heat dissipating Noise Temperature Humidity Protection class	>99% RS232/RS485 optional Cooling fan < 45 dB (1m) 0 - 40°C 20% - 90% (non condensing) IP20	
Physical		
Equipment size Package size	360*127*455mm 550*453*217mm	400*162*565mm 660*490*250mm
Communication		
Smart RS-232/USB Option SNMP	Support Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux, Unix y M Power management from SNMP supervisor & web browser	

