



X-VERTER 3048



High performance **INVERTOR**

for provide extended backup

FEATURES

- Line interactive Inverter / UPS advanced system.
- 100% sine wave.
- Transfer time under 3ms.
- Wide voltage regulation range, similar to online UPS.
- Two-stage smart charger.
- Eliminates 85% of electrical problems.
- Ideal for protecting medical equipment, lab equipment, critical mission or telecommunication servers, where extended support time is required.
- Real-time battery exchange alert.
- Quick charging up to 25AMP and slow charging up to 100 mA to maximize performance, lifespan and reliability of batteries trough Smart and accurate charging.
- Battery support up to 8 hours (Max 36V 300 Ah).
- Smart microprocessor-based design.
- Protection from overload, short circuit overheat.
- Speed control on cooling fan.



X-VERTER



LCD connection panel

DIP switch

RS-232 communication interface

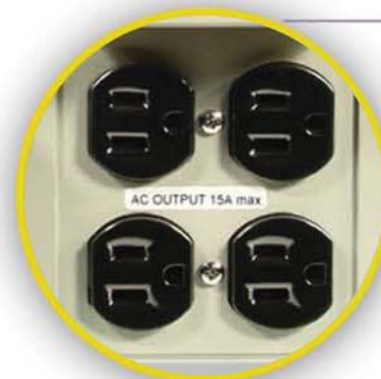
Battery connector (48V)



NEMA 5-15R 4 outputs



Outputs and AC borner alimentation





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Model		X-Verter 3048
Capacity	VA/W	3000A / 2400W
Input	Voltage	90-145 VAC
Voltage range	Low voltage battery transfer	90VAC
	Low transfer back to line	95VAC
	High voltage battery transfer	145VAC
	high transfer back to line	140VAC
	Frequency range	46Hz - 54Hz / 56Hz - 64Hz
	Phase	120V single phase with earth ground
	Power factor	0.80
Output		
Output voltage		110 / 115 / 120 VAC
Voltage regulation		+/- 8%
Frequency range		50/60 Hz +/-0.1 Hz
Crest factor		NA
Harmonic distortion		</= 5% THD (linear load)
Wave form		Pure sine
Efficiency		
Normal operation		85%
Inverter mode		83%
Batteries		
Type/capacity		12V (50 Ah min 300Ah max) Sealed maintenance free
Nominal backup time		From 10 minutes to 8 hours
Battery voltage		36 Vcd
Recharge time		NA
Recharge current (max)		25A
Recharge voltage		54.8 Vcd +/- 2.4 V
Transfer time	AC to DC	<3ms
Inverter to bypass		NA
Dimensions		510 x 180 x 200 mm
Weight		33 Kg.
Environment		
Temperature		0 to 40°C
Humidity		30-90% RH @ 0-45°C (non condensation)
Noise level		<45 dB @ 1 meter
Interface		
Smart RS232		Supports Windows 95/98/NT/2000 / 2003 / XP / Novell and Linux
AS 400/SNMP		Optional via Smart RS-232
Accessories	PDU support(Power distribution unit)	Yes

Specifications are subject to change without notice

