



# X-VERTER 2236



## High performance **INVERTOR**

for provide extended backup

### FEATURES

- Line interactive Inverter / UPS advanced system.
- 100% sine wave.
- 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

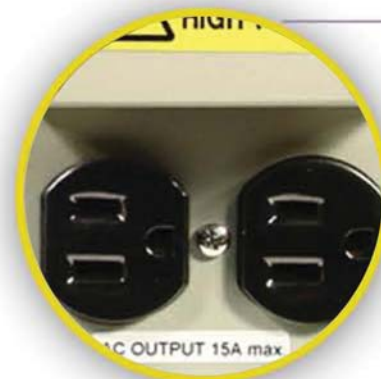
Battery connector (36V)



NEMA 5-15R 2 outputs



Outputs and AC corner alimantation





# High performance INVERTOR

# X-VERTER 2236

Model		X-Verter 2236
<b>Capacity</b>	VA/W	2250A / 1800W
<b>Input</b>	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
<b>Output</b>		
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
<b>Efficiency</b>		
Normal operation		85%
Inverter mode		83%
<b>Batteries</b>		
Type/capacity		36V (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		41.1 Vcd +/- 1.8 V
<b>Transfer time</b>	AC to DC	<3ms
Inverter to bypass		NA
Dimensions		450 x 200 x 180 mm
Weight		24 Kg.
<b>Environment</b>		
Temperature		0 to 40°C
Humidity		30-90% RH @ 0-45°C (non condensation)
Noise level		<45 dB @ 1 meter
<b>Interface</b>		
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

