



High performance **INVERTER**

for provide extended backup

X-VERTER **3048SC**

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.

FEATURES

- Pure sine wave output.
- Microprocessor based design.
- True Line-Interactive structure.
- Smartest charging, fast & stable.
- Zero Transference.
- Real time auto-detection for battery condition.
- Remote LCD display.
- RS-232 interface for communication, compatible with all major O.S., including Windows, Linux, SCO UNIX, & DOS.
- Protection for overload, short circuit, & over heat.



X-VERTER



LCD connection panel

Battery connector (48V)



NEMA 5-15R 2 outputs



Outputs and AC corner alimentation



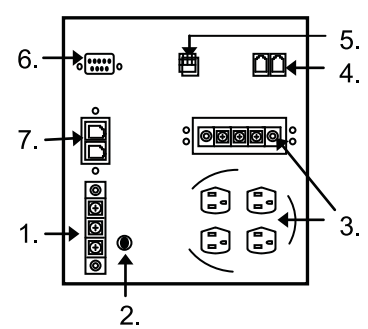


X-VERTER 3048 SC

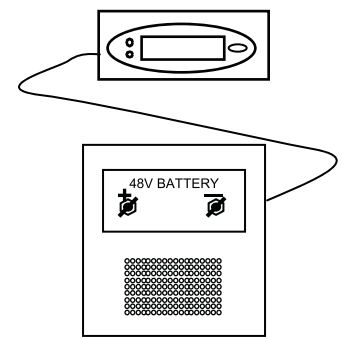
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|--|--|
| Model | |
| Capacity | 3000VA / 2400W |
| Input | |
| Voltage | Selectable 100/110/115/120V 1Ø or 220/230/240V 1Ø |
| Voltage range | -21% ~ +22% for 5% AVR or -34% ~ +36% for 8% AVR |
| Frequency | 50Hz/60Hz Auto detect |
| Current (110/220V) | 34A / 17A |
| Output | |
| Voltage | 100/110/115/120V 1Ø or 220/230/240V 1Ø ±3% for Back-up Mode |
| AVR | < ±5 for AVR or ±8% for AVR (optional) |
| Frequency | 50Hz or 60Hz ± 0.1Hz |
| Wave Form | Pure Sine Wave |
| Current (110/220V) | 28A / 14A |
| Transfer time | 3.5m typical |
| Tiempo de transferencia | Lead-Acid, maintenance free battery |
| Battery | |
| Voltage | 48V |
| Level Ind. | LCD |
| Charging current | 25A Max. |
| LED/Alarm indication | |
| Normal city power | No Beep |
| Back up Mode | 2 Beeps/4sec. (Transfer to backup mode) |
| Abnormal Freq. of city power (Frequency >65Hz or < 47Hz) | 2 Beeps/4sec. (Transfer to backup mode) |
| Abnormal voltage of city power (Out of AVR range) | 2 Beeps/4sec. (Transfer to backup mode) |
| Abnormal voltage of city power Too high - Too Low | No Beep. (AVR in operation) |
| Low battery alarm | 4 Beep/sec. |
| Battery fail alarm | 8 Beep/sec. |
| Over load alarm | Continuously |
| Thermal alarm | 3 beeps/2sec. Silence/2sec. |
| LCD indicators/Load level indication | Load level - DC star / alarm reset - Green power function - RS-232 interface |
| Environment / humidity | 0 - 37 °C 30-95% Non-condensing |
| Dimensions (LxHxW) cm | 51 x 18 x 20 |
| Shipping Dim. (LxHxW) cm | 61 x 30 x 33 |
| Weight (N.W. / G.W.) Kgs | 31 / 33 |

- Features:**
1. Input terminal
 2. Input auto fuse
 3. Output terminal & socket
 4. RJ-11
 5. DIP switch
 6. RS-232 port
 7. RJ-45 for connecting to remote LCD Display

REAR PANEL



FRONTAL PANEL AND LCD display case



Solar Charger(MPPT, Optional)

| | |
|------------------|---|
| Rating voltage | 48V |
| DC input range | 48V model : 48 ~ 84Vdc |
| Charging method | Constant voltage with current limiting by PWM control |
| Charging voltage | 48V model : 54.0Vdc |
| Power rating | 48V model : 1000W (54.0Vdc @ 18.5A) |
| Protection | DC input polarity protection, DC input short circuit protection (when battery is connected), DC output over current protection, over heat protection. |

Specifications are subject to change without notice

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