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X-VERTER

612/1012/1524 WM

www.cdpenery.com



FEATURES

The series X-VERTER is an advanced line interactive uninterruptible power system that 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 online 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 and stable.
- Real-time auto-detection for battery condition.
- LCD.
- Efficient toroidal transformer at the lowest energy loss.

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| Model | X-VERTER-612WM | X-VERTER-1012WM | X-VERTER-1524WM |
|-----------------------------------|----------------|---|-----------------|
| Phase | | Single-in, single-out | |
| VA rater | 600VA | 1000VA | 1500VA |
| Power | 400W | 700W | 1000W |
| Display | | Led | |
| AC Input | | | |
| Connection | | L, N+G wire | |
| Voltage range | | 72-137Vac | |
| Frequency | | 45Hz-65Hz | |
| Charge current | | 0-30A | |
| AC Output | | | |
| Voltage | | 120V ±2% o 240V ± 3% | |
| Frequency | | 50Hz ± 0.5% o 60Hz ± 0.5% | |
| Efficiency | | > 99% in city mode; > 80% in inverter mode | |
| Transfer time | | ≤1.5ms | |
| Transient reaction | | When load changes between 0 and 100%, voltage <3% | |
| Distortion | | Pure sine ware, THD <3% liner load | |
| THD | | <3% liner load, <10% non-linear load | |
| Battery | | | |
| Battery voltage | 12VDC | 12VDC | 24VDC |
| Type | | Lead-Acid maintenance free battery | |
| Balanced charge voltage | | 13.6 - 13.8Vdc (single 12V battery) | |
| Floating charge voltage | | 13.3 - 13.5Vdc (single 12V battery) | |
| Protection | | | |
| Overload protection | | 110%, the device off in 30 seconds; 120%, the device off in 2 seconds; Overload at city power, buzzer alarms | |
| Short-circuit protection | | Shut off inverter at once | |
| High/Low voltage | | Yes | |
| Polarity protection | | Yes | |
| Overheat protection | | Yes | |
| System & environmental | | | |
| Efficiency | | > 99% | |
| Communication port | | RS232/R5485 Ooptional | |
| Heat dissipating | | Cooling fan | |
| Noise | | < 45 dB (1m) | |
| Temperature | | 0 - 40°C | |
| Humidity | | 20% - 90% (non condensing) | |
| Protection class | | IP20 | |
| Physical | | | |
| Equipment Dimensions | | 327*276*79mm | |
| Packing dimensions | | 480*400*150mm | |
| Weight N.W. / G.W. (kg) | 6.7kg / 7.2kg | 7.7kg / 8.2kg | 9.0kg / 9.5kg |
| Communication | | | |
| Smart RS-232/USB | | Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux, Unix y MAC | |
| Option SNMP | | Power management from SNMP supervisor & web browser | |

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