

## SPECIFICATION

| MODEL   |   | UVS1.0K-1L  | UVS1.5K-1L | UVS2.0K-1L                         | UVS2.4K-1L                          |
|---|---|---|------------|------------------------------------|-------------------------------------|
| <b>Input</b>                                    | Nominal Voltage                                     | 120Vac  |            |                                    |                                     |
|   | Voltage Range                                       | 120Vac $\pm 10\%$ , -35% if full load rating derated 30%  |            |                                    |                                     |
|   | Current (max)                                       | 10.4A   | 15.6A      | 20.8A                              | 24A                                 |
|   | Frequency   | 47Hz – 450Hz<br>(50Hz or 60Hz $\pm 2\%$ for line sync.)<br>(50Hz, 60Hz, or 400Hz for non-sync.)                         |            |                                    |                                     |
|   | Input Line Cord & Plug                              | Six foot line cord with NEMA 5-15P  |            | Six foot line cord with NEMA 5-20P | Six foot line cord with NEMA L5-30P |
| <b>Output</b>                                   | VA Rating 50/60Hz                                   | 1000VA  | 1500VA     | 2000VA                             | 2400VA                              |
|   | Power 50/60Hz (Resistive Load)                      | 700W  | 1050W      | 1400W                              | 1680W                               |
|   | Voltage   | 120Vac $\pm 3\%$  |            |                                    |                                     |
|   | Current, Amps RMS                                   | 8.3A  | 12.5A      | 16.7A                              | 20.0A                               |
|   | Non-Linear Repetitive Peak                          | 20A   | 30A        | 40A                                | 48A                                 |
|   | Frequency   | 50/60Hz $\pm 0.5\text{Hz}$ (internal)<br>50/60Hz $\pm 1\text{Hz}$ (Sync.)<br>Optional 400Hz $\pm 4\text{Hz}$ (internal) |            |                                    |                                     |
|   | Dynamic Response                                    | $\pm 5\%$ RMS for 100% Step Load Change, 1ms Recovery Time  |            |                                    |                                     |
|   | Harmonic Distortion                                 | Linear Load $< 3\%$<br>Non-linear Load $< 5\%$  |            |                                    |                                     |
|   | Overload  | 200% for 0.5 sec.<br>120% for 30 sec.   |            |                                    |                                     |
|   | Output AC Receptacle Type                           | (4) NEMA 5-15R  |            |                                    |                                     |
| <b>Optional Battery or DC Input Requirement</b> | DC Voltage  | 48V   | 72V        | 72V                                | 72V                                 |
|   | Current Required (max)                              | 30A   |            |                                    |                                     |
|   | Type Recommended                                    | 12V, 7AH Sealed Lead Acid   |            |                                    |                                     |
|   | Onboard Charger Current                             | 400ma   |            |                                    |                                     |
| <b>Transfer Time</b>                            | Line Fails/Recovers                                 | Zero  |            |                                    |                                     |
| <b>Audible Noise</b>                            | @ 1 Meter   | $\leq 50\text{dBA}$   |            |                                    | $\leq 55\text{dBA}$                 |
| <b>Indicators</b>                               | Interface Connector Supports LED Drive signals for: | Line, Inverter, Alarm, Battery & Load Capacity Level Meters (5 LED segments each meter)                                 |            |                                    |                                     |
| <b>Audible Alarms</b>                           |   | DC Mode, Low Battery, Over/Under Voltage, High Temperature, Over Load, Fault  |            |                                    |                                     |
| <b>Interface</b>                                | Computer  | DB-9 Contact Closure Interface (On Utility, Low Battery & Remote Shutdown)  |            |                                    |                                     |
| <b>Environment</b>                              | Temperature   | 0°C to 40°C (32°F to 104°F)   |            |                                    |                                     |
|   | Humidity  | 10% to 95% Non-condensing   |            |                                    |                                     |
| <b>Mechanical</b>                               | Dimensions inches H x W x D (mm)                    | 3.3 X 17.5 X 10.9 (83.8 X 444.5 X 276.9)  |            |                                    |                                     |
|   | Weight lbs. (kg)                                    | 21 (9.52)   | 21 (9.52)  | 22 (9.98)                          | 23 (10.43)                          |
|   | <b>Agency</b>                                       | UL Listed, FCC  |            |                                    | FCC                                 |

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 MD44033L-C 05-15-2012

