

| <b>GENERAL</b>               |  |                |
|------------------------------|--|----------------|
| Model Number                 | VRRN-1002-H1   | VRRN-1502-H1   |
| Rated Capacity               | 1000VA / 700W  | 1500VA / 1050W |
| Technology                   | True on-line, double conversion topology with integral automatic bypass                                      |                |
| <b>INPUT</b>                 |  |                |
| Phase                        | Single phase plus ground – Line – Neutral or Line - Line   |                |
| Bypass Voltage               | 96 – 138 VAC (user selectable)   |                |
| Input Voltage Range          | 60 / 70 / 80VAC – 144 VAC (60V @ 40%, 70V @ 70%, 80V @ 100% load)  |                |
| Frequency                    | 50 / 60 Hz Auto sensing  |                |
| AC Frequency Range           | 45 – 65 Hz   |                |
| Input Current (120V)         | 6.83A  | 10.25A         |
| Input Power Factor           | 0.97   |                |
| <b>OUTPUT</b>                |  |                |
| Output Voltage               | 110 / 115 / 120/ 127 VAC   |                |
| Voltage Regulation           | ± 2%   |                |
| Voltage Distortion           | < 5% THD with non-linear loads, < 3% THD with linear loads   |                |
| Frequency Regulation         | ± 0.25 Hz (while on battery or in free run mode)   |                |
| Dynamic Response             | ± 9 % max from 100% to 20 % or from 20% to 100 % linear load   |                |
| Overload Capacity            | 100 – 125% for 1 min, 125 – 150 % for 10 sec   |                |
| Efficiency                   | Greater than 93% (HE Mode), Greater than 88% (On-line Mode)  |                |
| Crest Factor                 | 3 : 1  |                |
| <b>PHYSICAL</b>              |  |                |
| Input and Output Connections | Hardwire Terminals   |                |
| Operating Temperature Range  | -20° C to +60° C / -4° F to 140° F (Full 1050W Load)<br>-37° C to +74° C / -35° F to 165° F (Max. 840W Load) |                |
| Dimensions in /mm W x D x H  | 16.85 x 10 x 5.23 / 428 x 254 x 133  |                |
| Weight lbs / kg (net)        | 22 / 10  | 24 / 10.8      |
| Compliance                   | NEMA TS2 Compliant, Conforms to UL 1778, CSA 107.1   |                |