

# VORTEX SERIES

Line-interactive UPS (PWM output)

LCD VERSION



LED VERSION



## FEATURES

- 1 CPU controlled
- 2 Auto re-starts when AC recovers
- 3 Silence setup
- 4 Automatic charging (offline charging)
- 5 Battery low voltage protection
- 6 Overload & short circuit protection
- 7 Wide input voltage range



## SPECIFICATIONS

| MODEL                                                                             |                            | V-600N                                            | V-1000N       | V-1200N       | V-1500N         | V-2000N       |
|-----------------------------------------------------------------------------------|----------------------------|---------------------------------------------------|---------------|---------------|-----------------|---------------|
| Capacity                                                                          |                            | 600VA/360W                                        | 1000VA/500W   | 1200VA/720W   | 1500VA/900W     | 2000VA/1200W  |
|    | INPUT                      |                                                   |               |               |                 |               |
|                                                                                   | Input voltage              | 110/120Vac or 220/230/240Vac                      |               |               |                 |               |
|                                                                                   | Input voltage range        | 85–150Vac / 145–290Vac                            |               |               |                 |               |
|                                                                                   | Frequency range            | 40–65Hz                                           |               |               |                 |               |
|    | OUTPUT (ON BATTERY)        |                                                   |               |               |                 |               |
|                                                                                   | Output voltage             | 110/120Vac or 220/230/240Vac                      |               |               |                 |               |
|                                                                                   | Output voltage range       | 110±10% / 220±10%                                 |               |               |                 |               |
|                                                                                   | Output frequency           | 60 ±0.5Hz or 50 ± 0.5Hz                           |               |               |                 |               |
|                                                                                   | Output wave form           | Simulated Sine Wave (PWM)                         |               |               |                 |               |
|                                                                                   | Transfer time              | Typical 2–6ms, 10ms max                           |               |               |                 |               |
|  | BATTERY                    |                                                   |               |               |                 |               |
|                                                                                   | Qty. & capacity of battery | 12V/7AH × 1pc                                     | 12V/9AH × 1pc | 12V/7AH × 2pc | 12V/9AH × 2pc   | 12V/9AH × 2pc |
|                                                                                   | Charging period            | 4–6 hours recover to 90% capacity                 |               |               |                 |               |
|  | PROTECTION                 |                                                   |               |               |                 |               |
|                                                                                   | Full protection            | Low voltage & overload & short circuit protection |               |               |                 |               |
|  | PHYSICAL                   |                                                   |               |               |                 |               |
|                                                                                   | Material                   | Plastic case                                      | Plastic case  | Metal case    |                 |               |
|                                                                                   | Net weight (kg)            | 4.1                                               | 4.5           | 8.7           | 10.3            | 11            |
|                                                                                   | Unit dimension (mm)        | 284 × 95 × 139                                    |               |               | 345 × 122 × 192 |               |
|  | ENVIRONMENT                |                                                   |               |               |                 |               |
|                                                                                   | Environment of performance | Temperature 0°C–40°C, Humidity 20%–90%            |               |               |                 |               |
|                                                                                   | Noise level                | ≤40dB (1m)                                        |               |               |                 |               |
|  | MANAGEMENT                 |                                                   |               |               |                 |               |
|                                                                                   | LCD or LED, RJ45/11 & USB  | Optional                                          |               |               |                 |               |

