

NOVA SERIES PURE SINE WAVE INVERTER

Built-in Transfer Switch



SPECIFICATION

| MODEL | | NOVA 1K12 | NOVA 2K12 | NOVA 3K12 |
|-----------------------|----------------------------------------|----------------------------------------------|-----------------|-----------------|
| | Rated Power | 1200W | 2000W | 3000W |
| AC INPUT | Nominal Voltage | 120VAC | | |
| | Operation Range | 80-140VAC full power | | |
| | AC Input Frequency | 50/60Hz selectable | | |
| | Frequency Range | 45 ~ 70Hz | | |
| AC OUTPUT | Nominal Voltage | 120VAC | | |
| | Voltage Regulation (Batt. Mode) | 120VAC \pm 5% | | |
| | Output Frequency | 50Hz or 60Hz selectable \pm 1% | | |
| | THD (Batt. Mode) | <5% | | |
| | Peak Efficiency | 91% | | |
| | Waveform | Pure sine wave | | |
| | Transfer Time | < 20ms | | |
| | Transfer Relay Rating (A) | 30A | 30A | 30A |
| BATTERY | Nominal DC Voltage | 12VDC | | |
| | DC Input Power Operating Voltage Range | 10-17VDC | | |
| INDICATORS | Line Mode | Green LED on | | |
| | Battery Mode | Amber LED on | | |
| | Warning With Output | Red LED flashing | | |
| | Fault Without Output | Red LED on | | |
| MANAGEMENT | Communication | RS232 / RS485 | | |
| PHYSICAL | Dimension, D X W X H | 13.4*10.3*3.8in | 14.8*12.0*4.1in | 15.6*12.0*4.1in |
| | Net Weight | 11.5lb | 15.9lb | 17.6lb |
| OPERATING ENVIRONMENT | Humidity | 5% to 95% Relative Humidity (Non-condensing) | | |
| | Operating Temperature | -40°F ~ 160°F (-4°F ~ 122°F with full power) | | |
| COMPLIANCE | EMC Compliance | UL458, complies with FCC Part 15 | | |