



PURE SINE WAVE INVERTER

- ✓ True Sinewave output
- ✓ High Operating efficiency
- ✓ Field Serviceable
- ✓ Automatic temperature and voltage protection
- ✓ Rugged die-cast aluminium chassis
- ✓ Earth Fault protection



Designed for all Mobile, Marine and fixed site installations. Nomad NPS inverters are suitable for both heavy duty and sensitive electronic loads. With less than 3% harmonic distortion, the Nomad NPS inverter delivers a true sine wave output that is identical to grid supply AC power. Designed for power tools, household equipment, electronics and more.

## 1100W

| Electrical  | NPS1100-12   | NPS1100-24      | NPS1100-48      |
|---|--|-----------------|-----------------|
| Nominal DC input Voltage                                      | 12V DC   | 24V DC          | 48V DC          |
| Continuous Power Rating                                       | 1100 watts   | 1100 watts      | 1100 watts      |
| AC Voltage/Frequency  | 230V/50Hz  | 230V/50Hz       | 230V/50Hz       |
| Typical Efficiency  | 87%  | 90%             | 90%             |
| AC Overload Capability  | 2200 watts (2s)  | 2200 watts (2s) | 2200 watts (2s) |
| No load current   | 0.7A   | 0.7A            | 0.7A            |
| DC Input Voltage Range  | 10.5V to 15.0V   | 21.0V to 30.0V  | 42.0V to 60.0V  |
| Low Voltage Alarm   | 11V  | 22V             | 44V             |
| Low Voltage Shutdown  | 10.5V  | 21.0V           | 42.0V           |
| Over Voltage protection                                       | 14.8V  | 29.6V           | 59.2V           |
| Low Voltage Recovery  | 11.8V  | 23.6V           | 47.2V           |
| USB Charging Port   | 5V 1A  | 5V 1A           | No              |
| <b>Protection Functions</b>                                   | Earth Fault Protection automatically shuts down inverter           |                 |                 |
| Low voltage LED red light, buzzer warning, automatic recovery | Short circuit within 2 seconds automatic recovery                  |                 |                 |
| Over voltage LED red light, automatic recovery                | Input reverse connection, Fuse burn-out                            |                 |                 |
| Over-load LED red light, automatic recovery                   | Over temperature LED red light, buzzer warning, automatic recovery |                 |                 |

## General

|                        |              |
|------------------------|--------------|
| Temperature Range      | -10C to +50C |
| Weight                 | 3.0kg        |
| Dimensions (L x W x H) | 29.5*15*10cm |

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