

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



Designed for mounting in vehicles and for remote worksite applications. Nomad Mobile inverters are suitable for both heavy duty and sensitive electronic loads. With less than 3% harmonic distortion, the Nomad Mobile delivers a true sine wave output that is identical to grid supply AC power. Designed for power tools, household equipment, electronics and more.

## B406

| Electrical  |             | B406-12  | B406-24      | B406-48      |
|---|-------------|--|--------------|--------------|
| Nominal DC input Voltage                                      |             | 12V DC   | 24V DC       | 48V DC       |
| Continuous Power Rating                                       |             | 4000 watts   | 4000 watts   | 4000 watts   |
| AC Voltage/Frequency  |             | 110V/60Hz  | 110V/60Hz    | 110V/60Hz    |
| Continuous AC RMS Output                                      |             | 17.4 Amps  | 17.4 Amps    | 17.4 Amps    |
| Idle Power  |             | 28 watts   | 38 watts     | 52 watts     |
| Typical Efficiency  |             | 87%  | 88%          | 90%          |
| AC Overload Capability  | Surge (5ms) | 8000 VA  | 8000 VA      | 8000 VA      |
|   | 10 Seconds  | 4800 VA  | 4800 VA      | 4800 VA      |
|   | 24 Hours    | 3200 VA  | 3200 VA      | 3200 VA      |
| DC Input Voltage Range  |             | 10.6V to 15.5V   | 21.6V to 30V | 43.2V to 63V |
| Low Voltage Alarm   |             | 10.5V  | 21V          | 41.8V        |
| Low Voltage Shutdown  |             | 9.5V   | 19V          | 38V          |
| Over voltage protection                                       |             | 16V  | 31V          | 65V          |
| Low Voltage Recovery  |             | 11.8V  | 23.6V        | 47.2V        |
| Over voltage recovery   |             | 15.7V  | 31.8V        | 63V          |
| Protection Functions  |             |  |              |              |
| 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 +50 C         |       |       |
| Weight                 | 10.1kg                | 9.8kg | 8.7kg |
| Dimensions (H x W x L) | 44.6 x 19.9 x 14.6 cm |       |       |