

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



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

## M505

| Electrical                                                    |             | M505-12                                                            | M505-24      | M505-48      |
|---------------------------------------------------------------|-------------|--------------------------------------------------------------------|--------------|--------------|
| Nominal DC input Voltage                                      |             | 12V DC                                                             | 24V DC       | 48V DC       |
| Continuous Power Rating                                       |             | 5000 watts                                                         | 5000 watts   | 5000 watts   |
| AC Voltage/Frequency                                          |             | 230V/50Hz                                                          | 230V/50Hz    | 230V/50Hz    |
| Continuous AC RMS Output                                      |             | 21.7 Amps                                                          | 21.7 Amps    | 21.7 Amps    |
| Idle Power                                                    |             | 30 watts                                                           | 40 watts     | 72 watts     |
| Typical Efficiency                                            |             | 87%                                                                | 88%          | 90%          |
| AC Overload Capability                                        | Surge (5ms) | 10000 VA                                                           | 10000 VA     | 10000 VA     |
|                                                               | 10 Seconds  | 6000 VA                                                            | 6000 VA      | 6000 VA      |
|                                                               | 24 Hours    | 4000 VA                                                            | 4000 VA      | 4000 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 +50C          |      |      |
| Weight                 | 12.5kg                | 12kg | 12kg |
| Dimensions (L x W x H) | 54.5 x 19.9 x 14.6 cm |      |      |