

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



Nomad Power systems has a long track record in developing and manufacturing high-quality solar inverters that transform solar power into valuable energy. The Nomad Solar is light weight and easy to install ensuring professional performance for small PV systems.

Nomad Solar 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.

S255

| Electrical | | S255-12 | S255-24 | S255-48 |
|---------------------------------------------------------------|-------------|--------------------------------------------------------------------|--------------|--------------|
| Nominal DC input Voltage | | 12V DC | 24V DC | 48V DC |
| Continuous Power Rating | | 2500 watts | 2500 watts | 2500 watts |
| AC Voltage/Frequency | | 230V/50Hz | 230V/50Hz | 230V/50Hz |
| Continuous AC RMS Output | | 10.9 Amps | 10.9 Amps | 10.9 Amps |
| Idle Power | | 22 watts | 26 watts | 43 watts |
| Typical Efficiency | | 87% | 88% | 90% |
| AC Overload Capability | Surge (5ms) | 5000 VA | 5000 VA | 5000 VA |
| | 10 Seconds | 3000 VA | 3000 VA | 3000 VA |
| | 24 Hours | 2000 VA | 2000 VA | 2000 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 | | 5.7kg | 5.6kg | 5.5kg |
| Dimensions (L x W x H) | | 44.8 x 19.9 x 7.8 cm | | |