

- ✓ 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.

## S256

Electrical		S256-12	S256-24	S256-48
Nominal DC input Voltage		12V DC	24V DC	48V DC
Continuous Power Rating		2500 watts	2500 watts	2500 watts
AC Voltage/Frequency		110V/60Hz	110V/60Hz	110V/60Hz
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 +50 C		
Weight		5.7kg	5.6kg	5.5kg
Dimensions (H x W x L)		44.8 x 19.9 x 7.8 cm		