

- ✓ 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.

## S505

Electrical	S505-12	S505-24	S505-48
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
	10 Seconds	6000 VA	6000 VA
	24 Hours	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		