

- ✓ 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.

S305

Electrical		S305-12	S305-24	S305-48
Nominal DC input Voltage		12V DC	24V DC	48V DC
Continuous Power Rating		3000 watts	3000 watts	3000 watts
AC Voltage/Frequency		230V/50Hz	230V/50Hz	230V/50Hz
Continuous AC RMS Output		13 Amps	13 Amps	13 Amps
Idle Power		26 watts	36 watts	52 watts
Typical Efficiency		87%	88%	90%
AC Overload Capability	Surge (5ms)	6000 VA	6000 VA	6000 VA
	10 Seconds	3600 VA	3600 VA	3600 VA
	24 Hours	2400 VA	2400 VA	2400 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		8.8kg	8.8kg	8.7kg
Dimensions (L x W x H)		41.6 x 19.9 x 14.6 cm		