

SNLI12V3000W SPECIFICATION SHEET



About Invicta Pure Power Inverters

Take your 4WD, caravan, or off-grid adventures to the next level with the new Invicta Pure Power Inverter range. Engineered for reliability and performance, these inverters seamlessly convert your Invicta 12V DC battery power into clean, stable 240V AC allowing you to power your essential appliances wherever you are.

Key Features:

- **Powerful 3000W Output:** Effortlessly run your fridges, kettles, power tools, and other AC devices,
- **Pure Sine Wave Technology:** Uses software-based SPWM integral calculus algorithm and LC resonant modulation technology to deliver smooth, consistent power.
- **LED Display and Detachable Wired Display:** Provides real-time information on voltage, power consumption, and error codes.
- **Automatic Transfer Switch (ATS):** Automatically prioritises AC power when connected to mains.
- **IEC & GPO Sockets:** Standard Australian 240V AC output sockets for easy connection to your devices.
- **Comprehensive Protection and RCD:** Equipped with multiple safety features, including an RCD, and overload, over-temperature, short-circuit, and low-voltage protection, safeguarding both your inverter and connected appliances.
- **Robust Certifications:** Meets rigorous industry standards for quality and safety.
- **Remotely Turn Your Inverter On/Off:** Supplied keyring with remote control allows you to turn your device on/off.

Output Specifications

Rated Power	3080W
AC Voltage	240VAC
Max Power	3080-3542W
Surge Power	<6000W
Frequency	50 Hz $\pm 0.5\%$
Waveform	Pure Sign Wave
LED Indicator	Yes
Wired Monitoring Screen	Yes

Input Specifications

DC Voltage	12VDC
Voltage Range	10.5-16.5VDC
Automatic Transfer Switch	Yes

Protections

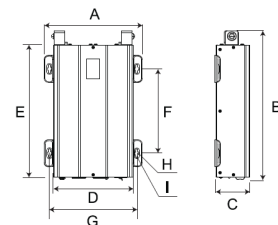
Input Under - Voltage Protection	10.0VDC ± 0.3
Input Over - Voltage Protection	16.5VDC ± 0.3
RCD Switch	Yes
Output Overload	Yes
Output Short Circuit	Yes
Over Temperature	85°C $\pm 5^\circ\text{C}$
DC Input Reverse Polarity	Yes

Working Environment

Working Temperature	-30°C - 60°C
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Other Specifications

Dimensions	404.5/259/85
Weight	6.2Kg
Communications	RS485



Model	A (mm)	B (mm)	C (mm)	D (mm)
SNLI12V2000W	237	364.5	85	192
SNLI12V3000W	259	404.5	85	221.4