



## SYSTEM



12 X LG Mono X Module Panels  
Panels have a 25 year output warranty



1 X 3000TL SMA Sunny Boy Inverter  
Inverter has a 5 year warranty



Full solar mounting system



Electrical inspection conducted by ACT Land and Planning Authority (ACT Only)



Installation, connection of solar meter and certificate of electrical safety



Full product, installation and maintenance information

## SAVINGS

It is estimated that a 3kW system will generate 'on average' 12kWh per day. This system could save you up to \$740.00 per year (based on 12kWh consumed during daytime period).

Excess \$\$ saved by solar credits can be used to offset other bills with ActewAGL.

## ABOUT BNV

BNV Electrical is a locally owned and operated company servicing all areas of Canberra, Queanbeyan and surrounding areas. We have over 15 years experience in the electrical industry and a dedicated team of professional tradesmen.

We are first and foremost an electrical company with a passion for 'green' energy solutions. Solar power is one of the key power solutions and we pride ourselves on knowing the 'ins' and 'outs' of solar in the ACT and surrounding regions.

## WHY US?

The ACT solar market and installation requirements are slightly different to NSW metro areas and other major cities, so it's important to source a product locally, from a company that knows the relevant regulations, and that has a vested interest in the market for long term.

We are fully accredited solar specialists and have undergone all relevant training in the solar field. We have installed over 150 systems in the last 18 months. You may think 150 installs isn't many; between wiring new houses, commercial shops and general electrical maintenance... it keeps us busy!

We've done our research and only recommend products that are specifically suited to our local climate.

We take the time to talk to you about your electricity usage, home electrical products and 'physically' get on your roof and work out an effective design to ensure maximum return on investment.

We guarantee all our work, because we do all our work – no part of any solar installation is subcontracted.

## WHY SOLAR?

### Cut your power bills

Solar power provides a way to hedge against rising electricity costs. Your solar system will produce electricity free of charge for 25 years. A small investment now will reduce or entirely eliminate the impact of pending electricity price rises.

In the ACT, any credit of kWh your system produces can be offset on other utility bills such as gas or water. In NSW, it's as simple as getting a cheque in the mail!

### Reduce your environmental impact

Don't rely on Governments alone. Take responsibility for the impact your home has on the environment. Solar power is a small personal investment.

### Take advantage of incentives... while they still exist

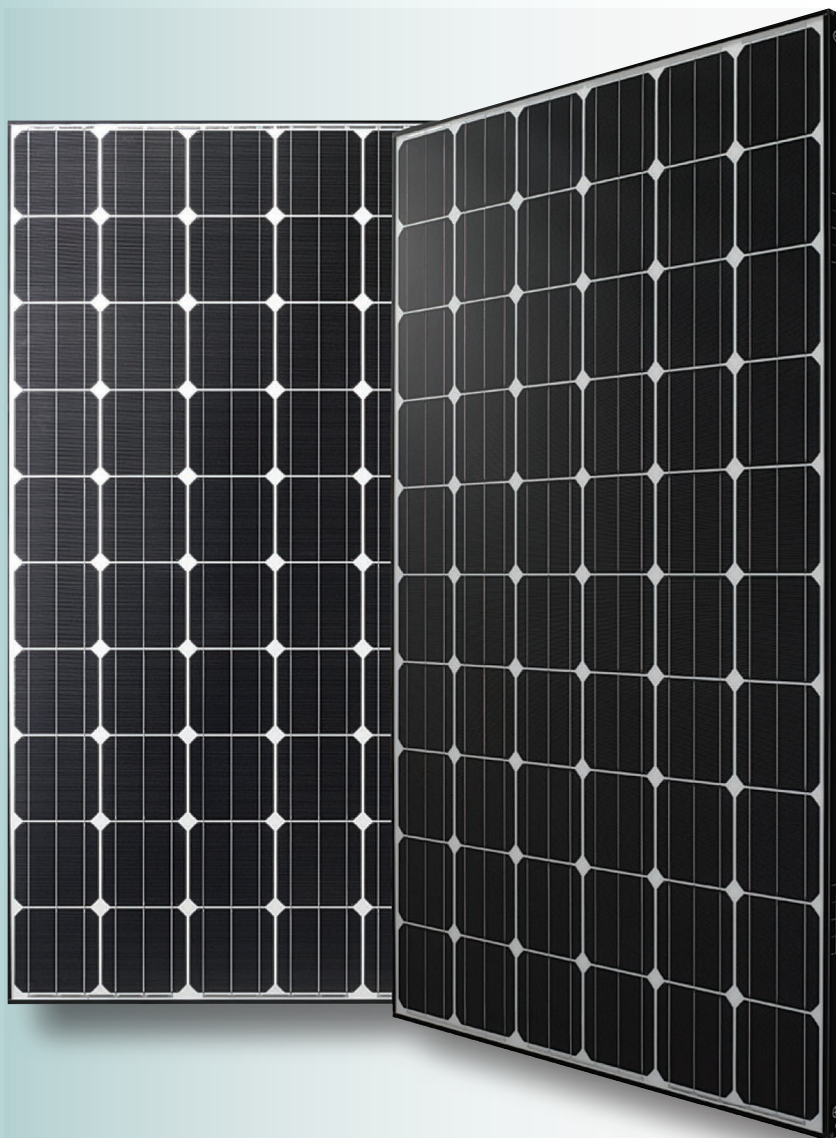
Using the Federal Government's STC subsidy, you'll get a better return on your solar investment. By selling your STC's, your system cost will be cheaper and pay itself off sooner. The STC multiplier ceases from mid 2014.

# MonoX™

## LG250S1C-G3

LG Electronics, Inc. (Korea Exchange: 06657.KS) is one of the globally leading companies and technology innovator for electronics, information and communication products. LG Electronics currently employs more than 91,000 people worldwide in 117 companies. In Fiscal year 2011, 48.97 billion USD of revenue was achieved.

LG is one of the world's largest manufacturers of mobile phones, flat screen TVs, air conditioners, washing machines and refrigerators. As a future-oriented company, LG enables others to use technology consisting of renewable energies. LG's high quality solar products are being manufactured in LG's leading production facility in South Korea.



### Light and Robust

With a weight of just 16.8kg, LG modules are proven to demonstrate outstanding durability against external pressure up to 5400 Pa.



### 100% EL Test Completed

All LG modules pass Electroluminescence inspection. This EL inspection detects cracks and other imperfections unseen by the naked eye.



### Reliable Warranties

LG stands by its products with the strength of a global corporation and sterling warranty policies. LG offers a 10 year product limited warranty and a 25 year limited linear output warranty.



### Convenient Installation

LG modules are carefully designed to benefit installers by allowing quick and easy installations throughout the carrying, grounding and connecting stages of modules.



### Extra Power

To minimize losses due to mismatch, LG produces 3 groups of solar modules which are sorted by its current class. This enables MonoX™ to maximise the system's output by around 2% based off the theoretical calculation.



### Positive Power Tolerance

LG provides rigorous quality testing to solar modules to assure customers of stated power outputs of all modules, with a positive nominal tolerance starting at 0%.

Source: [www.lg.com](http://www.lg.com)



# SUNNY BOY 3000TL 4000TL 5000TL

Perfection plus

Usability

## The transformerless Sunny Boy generation

More communicative, easier to use and more efficient than every: this Sunny Boy is setting new standards in inverter technology. A modern graphic display, readout of daily values even after sunset, simplified installation concept and wireless communication via *Bluetooth®*: The new Sunny Boys fulfill every wish. With the new OptiTrac Global Peak shade management and an optimal efficiency of 97%, the inverters ensure optimum solar yield. As transformerless, multi-string devices, the Sunny Boy 4000TL and 5000TL provide maximum flexibility for plant design, and are the first choice for demanding generator designs.

### High yields

- Maximum efficiency of 97%
- Multi-string technology\*
- Transformerless, with H5 topology
- Shade management with OptiTrac Global Peak

### Safe

- Integrated ESS DC switch-disconnector

### Simple

- Easily accessible connection area
- Cable connection without tools
- DC plug system SUNCLIX

### Communicative

- *Bluetooth®* technology as standard
- Multilingual graphic display
- Multi-function relay as standard

[www.sma-australia.com.au](http://www.sma-australia.com.au)

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