



**INDUSTRY:  
RECREATION  
(AUTOMOTIVE)**

**REQUIREMENTS:**

Reduce power bill

**SYSTEM SIZE:**

19.8kW

**PRODUCT:**

LG NeON<sup>®</sup> 2 330W

**ESTIMATED ANNUAL OUTPUT:**

Approx 32,800kWh<sup>1</sup>

**INSTALLED:**

April 2018

**Design and install a high quality and high performing system**



Estimated annual savings on electricity usage fees approx \$6,900<sup>1</sup>



Approx 30 tonnes of CO<sub>2</sub> emission avoided per annum<sup>2</sup>



# ADVENTURE CARAVAN CENTRE - SLACKS CREEK, QLD

Designed and installed by Springers Solar

## BACKGROUND

The Adventure Caravan Centre was established in 1985 and provides customers with quality new and used caravans. With a wide range of caravans and pop tops, Adventure Caravan Centre can provide customers with their dream caravan. The specialised team can help design a new caravan or choose a quality used caravan to suite every life style.

Adventure Caravan Centre can assist with every need from sales, insurance quotes, policies, repairs, trade in, spare parts and finance options.

The company pride themselves in customer service by providing an outstanding customer experience.

## CHALLENGE

Concerned about increasing energy costs for the business, Adventure Caravan Centre engaged Springers Solar to design and install a high quality and high performing suitable solar system to reduce the power bill.

## SOLUTION

The Springers Solar team recommended the LG NeON<sup>®</sup> 2 330 W panel to be the most suitable product for this project.

The panels were installed on a tilt frame to maximise exposure to the sun and energy production.

The entire design and installation was managed by the Springers Solar team.



## WHY WERE LG PANELS CHOSEN

- The Springers Solar team recommended LG solar panels because of their great reputation in the market with proven performance.
- The LG NeON<sup>®</sup> 2 330W panels were chosen due to their quality, long warranties and performance.
- LG panels have been involved in a number of comparison tests of the LG modules against many other brand panels. LG NeON<sup>®</sup> 2 panels are consistently one of the highest performing panels in these tests.
- The LG NeON<sup>®</sup> 2 panels have a lower degradation of electricity production than many competing panels as the panel ages.
- LG NeON<sup>®</sup> 2 panels offer a 25 year product and performance warranty which includes parts and labour compared to the 10 year manufacturer's warranty offered by many other manufacturers.

<sup>1</sup> The estimated average annual electricity usage fee savings are estimates made by LG Solar™. The estimates made by LG Solar™ are based on the actual system size, estimated annual output of the system in the post code of the location with degradation of rated electricity production of 2% in the first year and 0.5% in subsequent years, as well as a lifetime of 25 years. We assume a flat electricity rate of \$0.25 per kWh, and a feed-in tariff of \$0.11 per kWh (with annual increases of 2.5% per annum). Based on the industry the end-customer is in, we assume 80% self-consumption of solar electricity generated (e.g. for end-customers in the manufacturing industry we assume 80% self consumption from Monday to Friday and 20% on weekends (with corresponding 20% and 80% being exported into the grid), while for leisure based clients we assume 80% self consumption everyday and 20% being exported into the grid). We do not apply a net present value discount on the estimated annual electricity usage savings. Of course actual annual electricity savings will vary on a wide-variety of factors including installation conditions, usage and self-consumption patterns, actual hours of sunlight, electricity rates, feed in tariffs, increases in electricity rates as well as other factors. For further details and other solar calculators, please see: <https://www.lgenergy.com.au/solar-calculators>.

<sup>2</sup> The estimate for CO2 emissions avoided assumes that the entire electricity output of the system is consumed and the emission factor used is the weighted average for all Australian States based on the calculator available at [carbonneutral.com.au](https://carbonneutral.com.au). For more information, please see: <https://carbonneutral.com.au/carbon-calculator/>.



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## WHY WERE LG PANELS CHOSEN

The Springers Solar team recommended LG solar panel for being the best in the market with proven performance.

The LG NeON® 2 330W panels were chosen due to their quality, long warranties and performance.

LG and other companies, including the Australian consumer organisation Choice have been involved in a number of comparison tests of the LG modules against many other brand panels. LG NeON® 2 panels are consistently one of the highest performing panels in these tests.

The LG NeON® 2 panels have a lower degradation of electricity production than many competing panels as the panel ages.

LG NeON® 2 panels offer a 25 year product and performance warranty which includes parts and labour compared to the 10 year manufacturer's warranty offered by most other manufacturers.