

LG SOLAR ADVANTAGES

The Importance of Positive Only Tolerance

LG is a world class solar panel manufacturer using a positive tolerance only grading system for their solar panels.

Many solar panel manufacturers use a plus/minus tolerance - normally shown in the panel specifications. For example, a 250 watt panel may be tested as low as 243 watts, but still sold as a 250 watt panel. Does that sound unfair? We think so... but it is "acceptable" if the manufacturer for example states a 0 / (-3%) tolerance on their specification sheet.

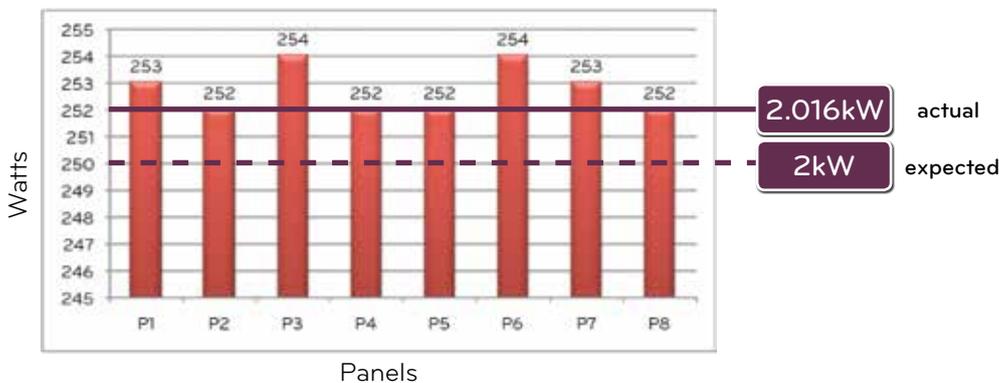
Why is this so important? Solar panels are wired together in "strings". The maximum power of each string is governed by the lowest performing panel. So if just 1 of your solar panels is performing at 3% below its rated performance, this will drag down the performance of your entire system.

For example a new LG 250W Mono X™ solar panel is guaranteed to achieve at least 250 watts or higher under industry standard test conditions (STC*). Just one of the many ways LG provides peace of mind and a secure investment.

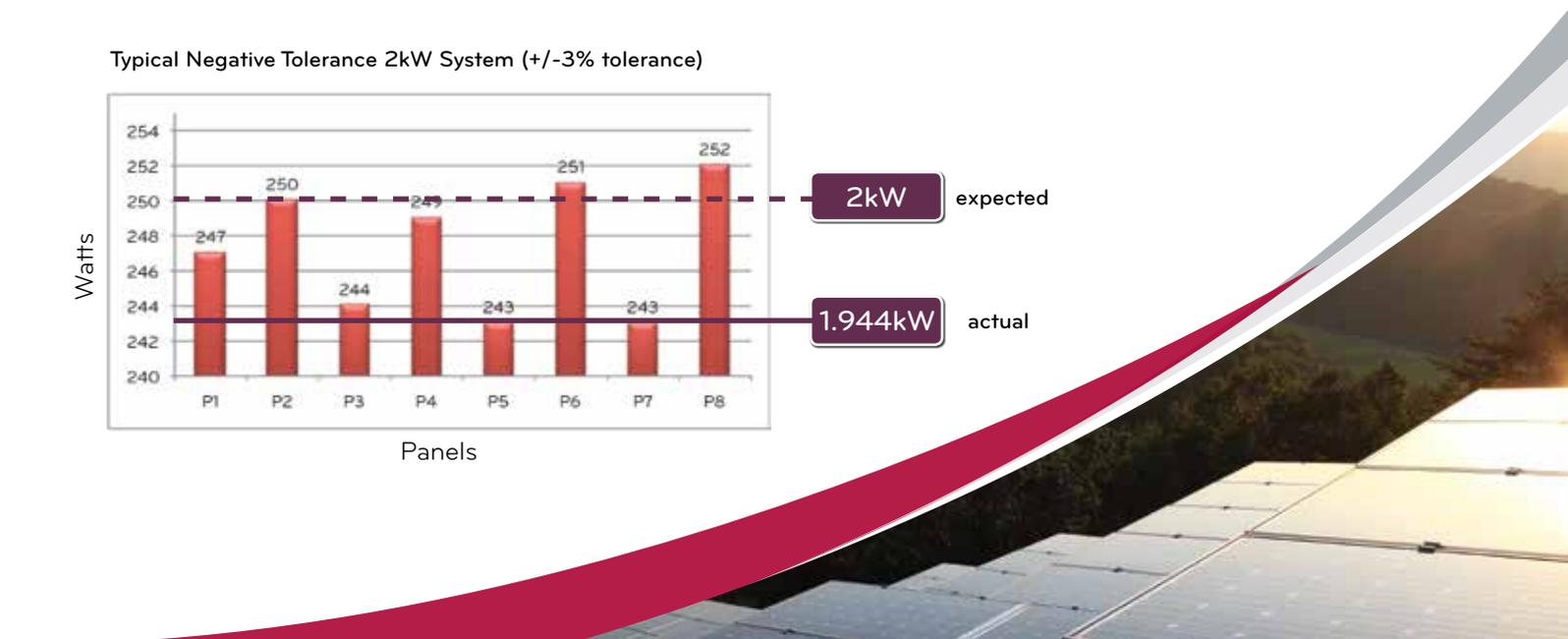
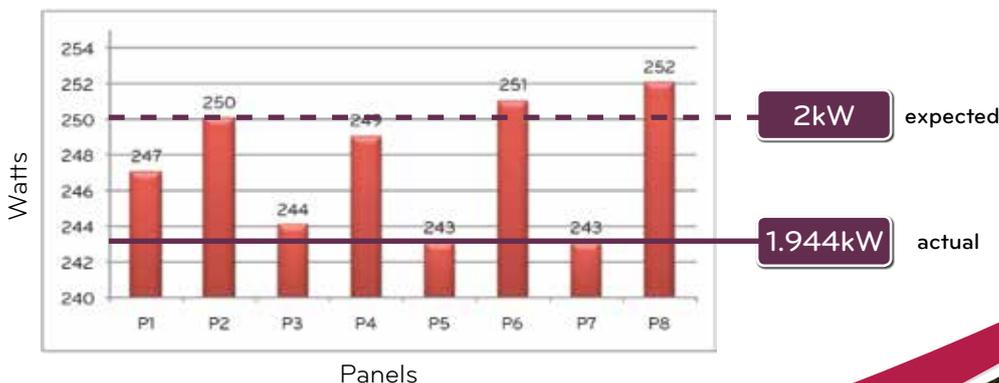
* STC conditions are: (a) light spectrum of AM 1.5; (b) an irradiation of 1000 W per m² and; (c) a cell temperature of 25 degrees centigrade at right angle irradiation.

What does this mean for you? More power... More dollar savings... Day after day... Year after year...

LG Positive Tolerance 2kW System (8 x 250W + 3% tolerance)



Typical Negative Tolerance 2kW System (+/-3% tolerance)



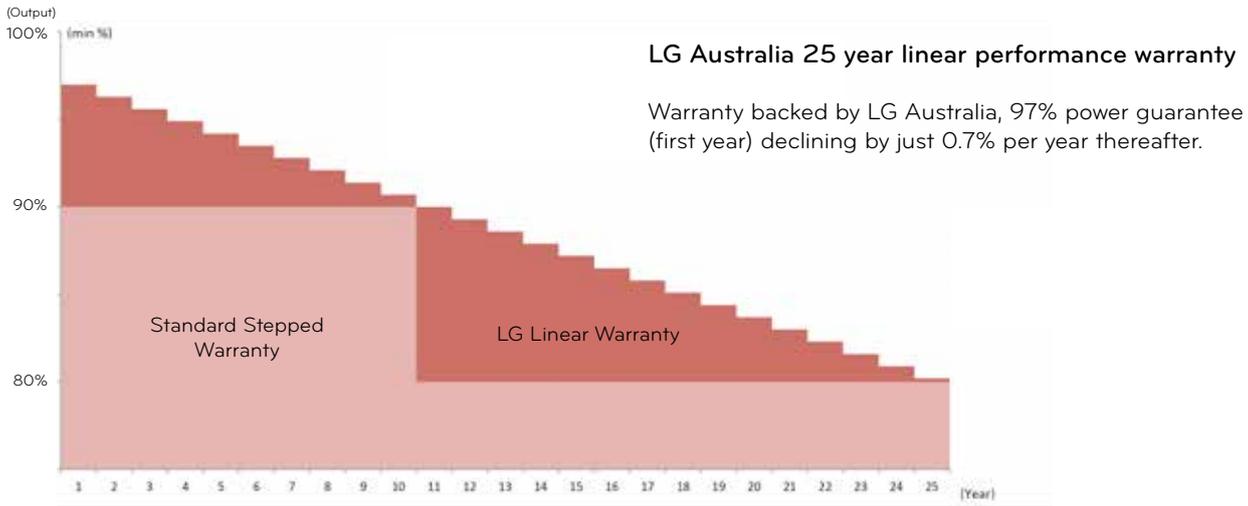
The Importance of Linear Performance Warranty

The LG linear performance warranty of 25 years gives customers peace of mind.

Many manufacturers give a 90% output warranty for the 1st 10 years and an 80% output warranty for 25 years. Therefore you can expect the efficiency of lower quality panels to fall after the first 10 years, reducing the power generation capacity of the panel.

LG's breakthrough technology ensures that after the 1st year, the output is guaranteed at 97% of nameplate capacity, with a further drop of 0.7% each year. So by the 25th year, output is still guaranteed at 80.2%.

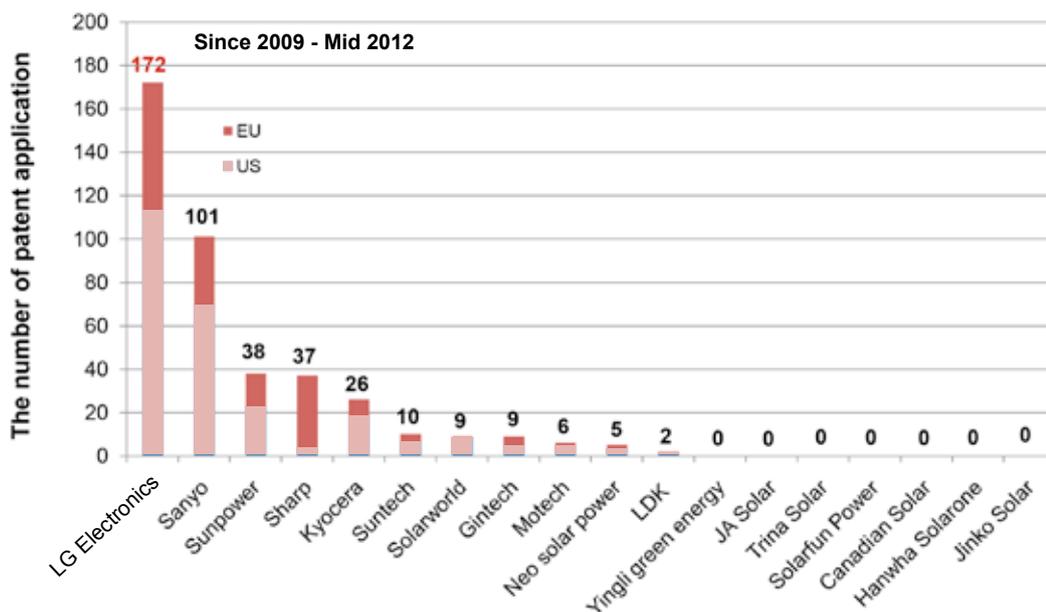
This best in class warranty system provides you with the confidence that your panels have a high efficiency in the long run benefiting you - the customer.



LG Electronics - The Most Innovative Solar Company

By mid 2012, LG Solar had acquired 172 patents in solar-related areas alone (Cell, Modules, Applications etc.). This is more than any other solar panel manufacturer. Utilising LG Solar excellent technology, LG has successfully reached a mass production stage for modules with 22% of cell efficiency.

These Mono X™ Neon modules will be released in 2013, and will be some of the most efficient panels on the local market.



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