

# LG SOLAR ADVANTAGES

## The Importance of Positive Only Tolerance

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

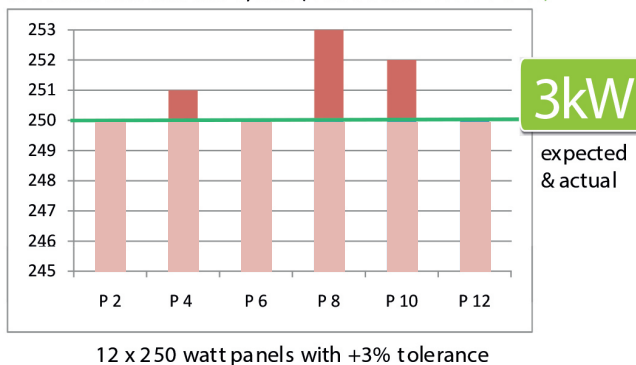
Many solar panel manufacturers use a plus/minus tolerance - normally shown in the panel specifications. For example, a 200 watt panel may be tested as low as 191 watts, but still sold as a 200 watt panel. Does that sound unfair? We think so... but it is "acceptable" if the manufacturer states a 0 - (-5.1) tolerance on their spec 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% or 5% below its rated performance, this will drag down the performance of your entire system.

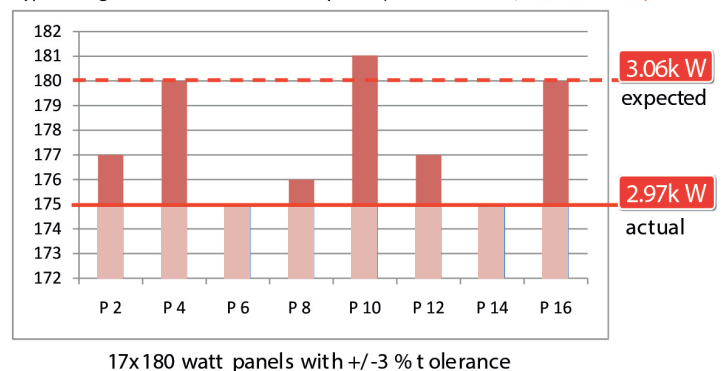
For example our LG 255W solar panels are guaranteed to achieve at least 255 watts or higher under industry standard test conditions (STC). Just one of the many ways LG provides peace of mind and a secure investment.

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

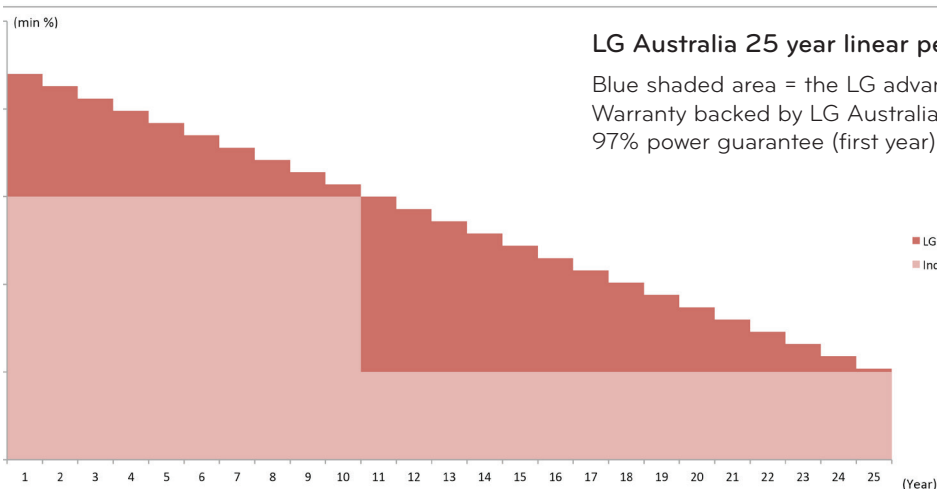
LG Positive Tolerance 3kW System (12 x 250 watt +3% tolerance)



Typical Negative Tolerance 3.06 KW System (17 x 180 watt +/- 3% tolerance)



## The Importance of Linear Performance Warranty



### LG Australia 25 year linear performance warranty

Blue shaded area = the LG advantage

Warranty backed by LG Australia

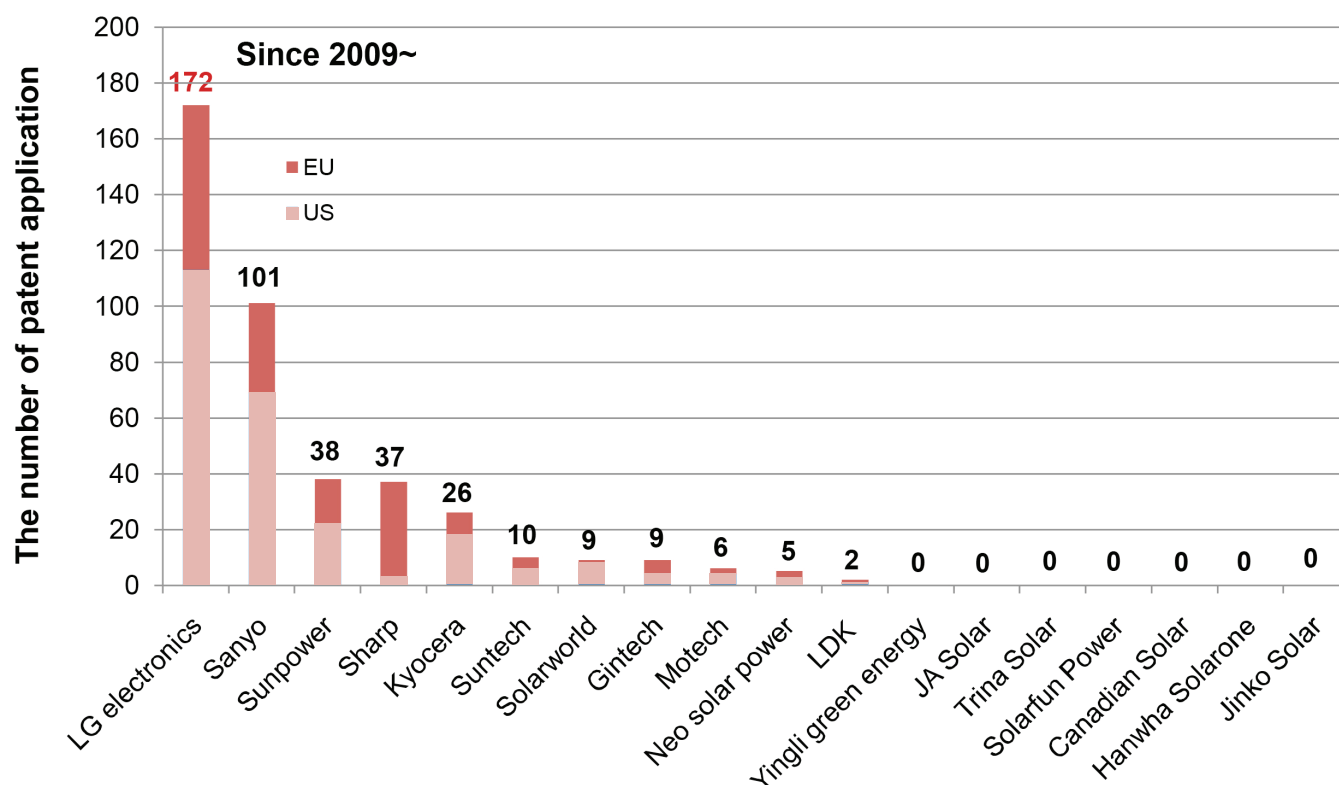
97% power guarantee (first year) declining by just 0.7% per year

■ LG  
■ Indus

## 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 modules will be released in early 2013, and will be some of the most efficient on the local market.



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