



## 380 kWh solar cell

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The LG NeON 2 LG380N1C-A6 is one of the most powerful and best selling solar modules on the market today. Featuring LG's Cello Technology, the LG NeON 2 increases power output. New updates include an extended performance warranty for higher performance and reliability.

LG NeON(R) 2 has been designed with aesthetics in mind using thinner wires that appear all black at a distance. The LG NeON(R) 2 can increase the aesthetic value of your home with a more modern design.

Roof Aesthetics LG NeON(R) 2 has been designed with aesthetics in mind using thinner wires that appear all black at a distance. The LG NeON(R) 2 can increase the aesthetic value of your home with a more modern design.

**25-Year Limited Product Warranty** The NeON(R) 2 Black is covered by a 25-year limited product warranty. In addition, up to \$450 of labor costs will be covered in the rare case that a module needs to be repaired or replaced.

**LG NeON 2(TM) Solar Panel Quality Assurance** Quality-assurance of LG Solar NeON 2 solar panels is a top priority, that's why their solar panels are created using the most technologically advanced processes available. LG's state-of-the-art manufacturing facilities are designed to produce high quality, high performance cell panels that come ready to perform.

**LG Cello Technology(TM)** LG has introduced newly developed Cello Technology(TM) used in the NeON 2 solar panels (Cell connection with Electrically Low loss, Low stress and Optical absorption enhancement)" which increases power output and improves reliability.

Cello helps reduce power generation loss by reducing imperfections over time. When a micro crack or finger electrode erosion occurs naturally by mechanisms in the outskirts of the solar cell, the tight layout of wires featured in LG NeON(TM) 2 Cello technology prevents power reduction from the otherwise blocked electrical path. Cello Technology also improves the absorption of light with circular-shaped wires that scatter light energy more effectively.



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Extremely Low LID Cells The boron (B) and oxygen (O) pair within the p-type cell removes the electrons removes to generate energy. But inside the LG NeON(TM) 2, there are almost no B-O pairs, eliminating Light Induced Degradation (LID).

Higher Efficiency Installation Savings Compared to a conventional multi module with 72 cells, LG NeON 2 achieves higher power output with 60 cells, making it easy to manage space when installing large scale systems. Also, with lower Voc than the 72 Cell module, LG NeON 2 increases module quantity per "1 string" decreasing the total number of strings and leading to lower costs.

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