Lg neon2 latest solar panels



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The LG NeON 2 LG350N1C-V5 is one of the most powerful and versatile 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.

LG NeON 2 has been designed with aesthetics in mind; thinner wires that appear all black at a distance. The product can increase the value of a property with its modern design.

With its newly reinforced frame design, LG has extended the warranty of the NeON 2 for an additional 2 years. Additionally, LG NeON(TM)2 can endure a front load up to 6000 Pa, and a rear load up to 5400 Pa.

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.

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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Enhanced Physical Durability With its newly reinforced frame design, LG NeON 2 modules are designed to endure a front load up to 6000 Pa, and a rear load up to 5400 Pa. * Hurricane Katrina (2005. Aug) Max speed : 75m/s

Space-efficient Solar Panel LG NeON 2 reduces the space needed for installation due to its high module efficiency. The size and efficiency of the modules lets users consider the shadow of physical objects, such as trees or a chimney, resulting in the most optimal system deployment.

40mm Black Frame, White Backsheet. 60 Cell, high efficiency monocrystalline PV module. Double Side Cell Structure (Neon 2, adopts Cello technology)

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