Introducing LG’s Highest Wattage Residential Solar Module

LG NeON® R 66-Cell Modules

The LG NeON® R is a high-power luxury solar panel featuring Back Contact Technology™. The advanced cell structure locates all of the module’s electrodes on the back side. No front-module electrodes are present to affect light capture. This also provides a sleek, modern appearance.

High-Power Output
420-440 W

High Efficiency Rating
21.1-22.1%

Low Temperature Coefficient
The NeON® R is -0.29%/°C

Back Contact Technology™
The electrical current in the LG NeON® R is separated into many channels, providing more pathways for electrons and decreasing vulnerability to environmental damage such as micro-cracks.

Physical Durability
LG NeON® R modules are designed to endure a front load of up to 5400 Pa and a rear load of up to 4000 Pa.

Low Light Induced Degradation (LID) Rates
NeON® R modules are made with n-type wafers based on phosphorus, resulting in less performance loss when first exposed to light than modules made with p-type wafers.

25-Year Limited Warranty
LG offers a 25-year Limited product, performance and labor limited warranty (labor costs in the rare case of a needed module repair or replacement are covered up to $450).

www.lg.com/us/solar