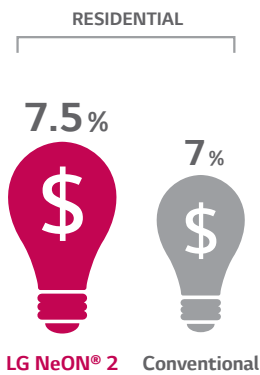
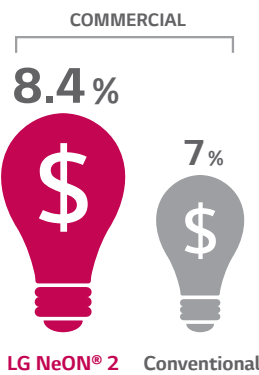
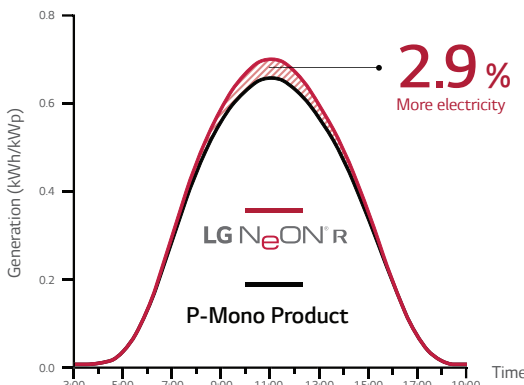


## Strong Performance, Even in Low Light

Each cell in a NeON<sup>®</sup> 2 module captures sunlight from both the front and back. This makes the modules more efficient in the mornings and evenings, when sunlight is absorbed at a lower angle.



## Better Internal Rate of Return

NeON<sup>®</sup> 2 modules provide a greater Internal Rate of Return than conventional solar modules.\*

*\*The comparison between the IRR (Internal Rate of Return) was calculated internally at LG to compare the relative return rate between different modules. Therefore, this return rate is not guaranteed. Further, the rate may differ according to the area and date of the analysis.*

## Improved Temperature Coefficient

LG NeON<sup>®</sup> 2's Cello Technology™ enables the modules to perform well in high temperatures and in low irradiation conditions. Freer-flowing electrons keep module temperatures lower. When compared to other brands, LG Solar modules deliver the highest temperature performance ratings and output, even on the hottest days.

## Peace of Mind Warranty

LG is a trusted global brand that stands behind its solar power products. Thanks to our lasting presence in the electronics and solar markets, our customers know we will be there to assist them both now and in the years ahead. LG's NeON<sup>®</sup> 2 solar modules are backed by a 25-year warranty that covers product-related issues and a 25-year performance warranty that guarantees our modules will continue to produce at least 86% of their original output for a quarter of a century – a significant energy savings and a far higher rate than the 80% guaranteed for most solar modules.

LG NeON<sup>®</sup> 2



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 **LG | Solar**  
NeON<sup>®</sup> 2

MAXIMUM POWER OUTPUT AND LASTING QUALITY, BACKED BY  
A TRUSTED GLOBAL BRAND





## Why LG?

LG Solar products are designed for residential and commercial use and reflect LG's expertise in world-class manufacturing. When you purchase LG solar panels, you invest in a product manufactured with stringent research and development standards. LG panels have consistently outperformed other brand designs in wattage output per panel at industry-recognized testing laboratories – and they're backed by a trusted global brand and 25-year product and performance warranties.

LG NeON<sup>®</sup> 2



## LG NeON<sup>®</sup> 2 Modules and Cello Technology<sup>™</sup>

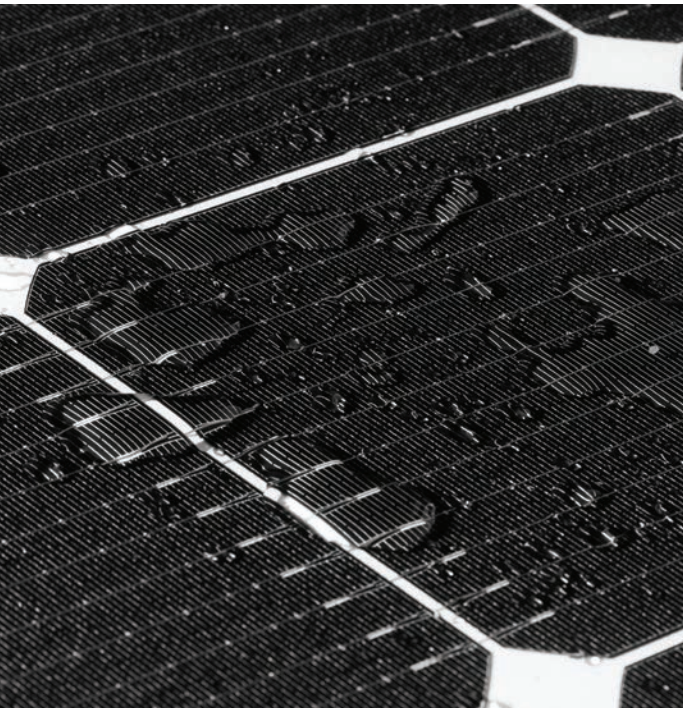
LG NeON<sup>®</sup> 2 solar modules provide high efficiency, maximized power output, appealing aesthetics, and reliable performance. The 60-cell modules incorporate Cello Technology<sup>™</sup> (Cell connection with Electrically Low loss, Low stress, and Optical absorption enhancement), developed by LG to increase power output and improve module appearance. Cello Technology<sup>™</sup> incorporates 12 wires into each module instead of the usual 3 busbars. The circular-shaped wires absorb light more efficiently and enable electrons to flow more freely through the panel, significantly boosting output and module efficiency.

Cello Technology<sup>™</sup> also means LG NeON<sup>®</sup> 2 solar modules are less vulnerable to environmental damage, boosting long-term reliability – and they experience very low degradation rates when first exposed to light.



### Enhanced Physical Durability

The highest-quality materials and a newly reinforced frame design lead to maximum load capacity for every LG NeON<sup>®</sup> 2 solar module. Each module can handle a full ton of snow load or withstand 208-mph winds. In comparison, Hurricane Katrina (2005) produced a maximum speed of 175-mph winds.



### Space-Saving Modules for Residential Projects

LG NeON<sup>®</sup> 2 is available in 72-cell modules for larger and commercial projects, and in smaller 60-cell modules. The high output and efficiency of the 60-cell modules enable easier installation in limited spaces and can help installers avoid shaded areas. This also leaves room for future system expansion, such as power storage batteries or electric car charging.

