



## The LG NeON<sup>®</sup> 2 – Producing More Power When You Need It Most

When you go solar, you have a lot of options when it comes to module brands. That's why LG Solar has worked hard for the last three decades to develop technologies that stand out from the crowd. We pride ourselves on providing high power output, high efficiency, long-lasting solar modules that experience low degradation rates over time. Consumers familiar with our global brand—LG Electronics—know that when they choose LG, they are choosing a bankable brand known for long-term reliability, quality and innovation.



**LG NeON<sup>®</sup> 2**

TACKLING HIGHER ELECTRICITY  
CHARGES WITH NEON<sup>®</sup> 2 TECHNOLOGY

In developing our NeON<sup>®</sup> 2 solar modules, our goal was to provide the highest possible value for consumers who want to save money by going solar. As a result, we've designed modules that produce more power during the morning and evening hours—when you're most likely to be home, and when some utilities charge more for the electricity you need.

Standard electricity plans charge the same rate throughout the day, but some utilities are now offering time-of-use (TOU) plans to customers<sup>1</sup>. These plans involve charging more during "peak" hours, when electricity demand is highest (often in the late afternoons). About half of U.S. investor-owned utilities currently have optional time varying rates for residential customers, and new programs are being tested in at least ten states<sup>2</sup>. If your utility isn't charging TOU rates now, it's possible they'll do so at some point during the lifetime of your solar system.

# THE NEON® 2 HELPS YOU AVOID PEAK HOUR UTILITY RATES

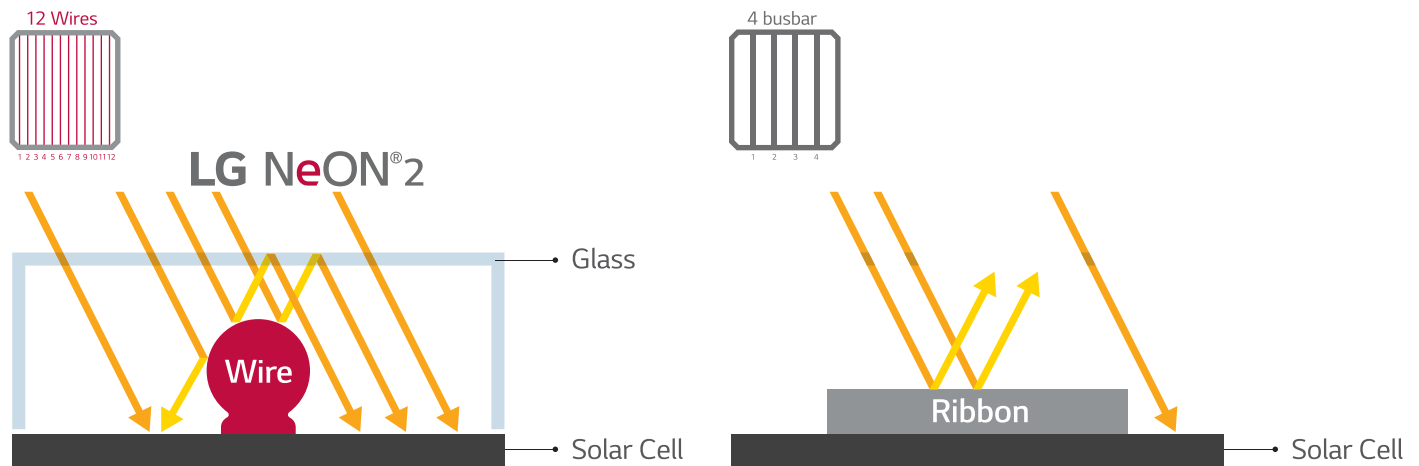
LG NeON® 2 BiFacial



LG Solar's NeON® 2 modules have a double-sided cell structure that enables our modules to capture light and generate energy from both the front and back. In the mornings and evenings, when the angle of light is lower, your modules will generate more energy than other most brands' modules that capture light only from the front.

If your utility's rates are higher during late afternoon hours, NeON® 2 modules can provide more energy from your solar system to help you avoid paying those premium charges.

And there's more: LG Solar NeON® 2 modules feature award-winning Cello (Cell connection with Electrically Low loss, Low stress, and Optical absorption enhancement) Technology™, developed by LG to increase power output and improve module appearance. Cello Technology™ incorporates 12 wires into each module instead of the usual 3-5 busbars. The circular-shaped wires absorb light more efficiently and enable electrons to flow more freely through the panel, boosting output and module efficiency.



LG NeON® 2 solar modules are also less vulnerable to micro-cracks and erosion, boosting long-term reliability—and because there are almost no Boron-Oxygen pairs inside our modules, they experience very low degradation rates when first exposed to sunlight.



## THE BANKABILITY OF LG SOLAR

When you purchase LG Solar modules, you're trusting your investment with a global brand that has been around for more than half a century. LG stands by our products, and we will be here for you from the moment you install your NeON® 2 modules through every year of our solid 25-year warranties.

Why pay more for electricity when you need it the most? Go Solar with LG Solar's NeON®2 modules. When you go solar, ask for the brand you can trust: LG Solar.

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