

LG Adds Huntsville, AL to NeON[®] 2 Module Factories

In addition to the NeON 2 factory in Korea, 500 MegaWatts of LG NeON[®] 2 modules are now being manufactured in the United States. LG recently established a new factory with two production lines at an existing building on the company's 48-acre campus in Huntsville, Alabama, where we have had operations for four decades. Additional modules will be sourced from South Korea.

Low Temperature Coefficient

LG Solar's NeON[®] 2 modules are manufactured with N-type cells, which enable the modules to perform well even in high temperature conditions. Our NeON[®] 2 V5 modules have an improved power temperature coefficient of -0.36%/°C.



Tackling Higher Electricity Charges With NeON[®] 2 Technology

In developing our NeON[®] 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 power during the morning and late afternoon hours—when you're most likely to be home, and when some utilities charge more for the electricity you need.

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[®] 2 solar modules are backed by a 25-year limited warranty that covers product-related issues and a 25-year performance warranty that guarantees our modules will continue to produce at least 90.08% of their original output for a quarter of a century – a significant energy savings and a far higher rate than the 80% guaranteed for many solar modules. Many solar companies don't cover the cost of any labor required to repair or replace a module, even if the module is under warranty. LG Solar will pay up to \$450 of any labor costs in the rare case of a needed module repair or replacement.

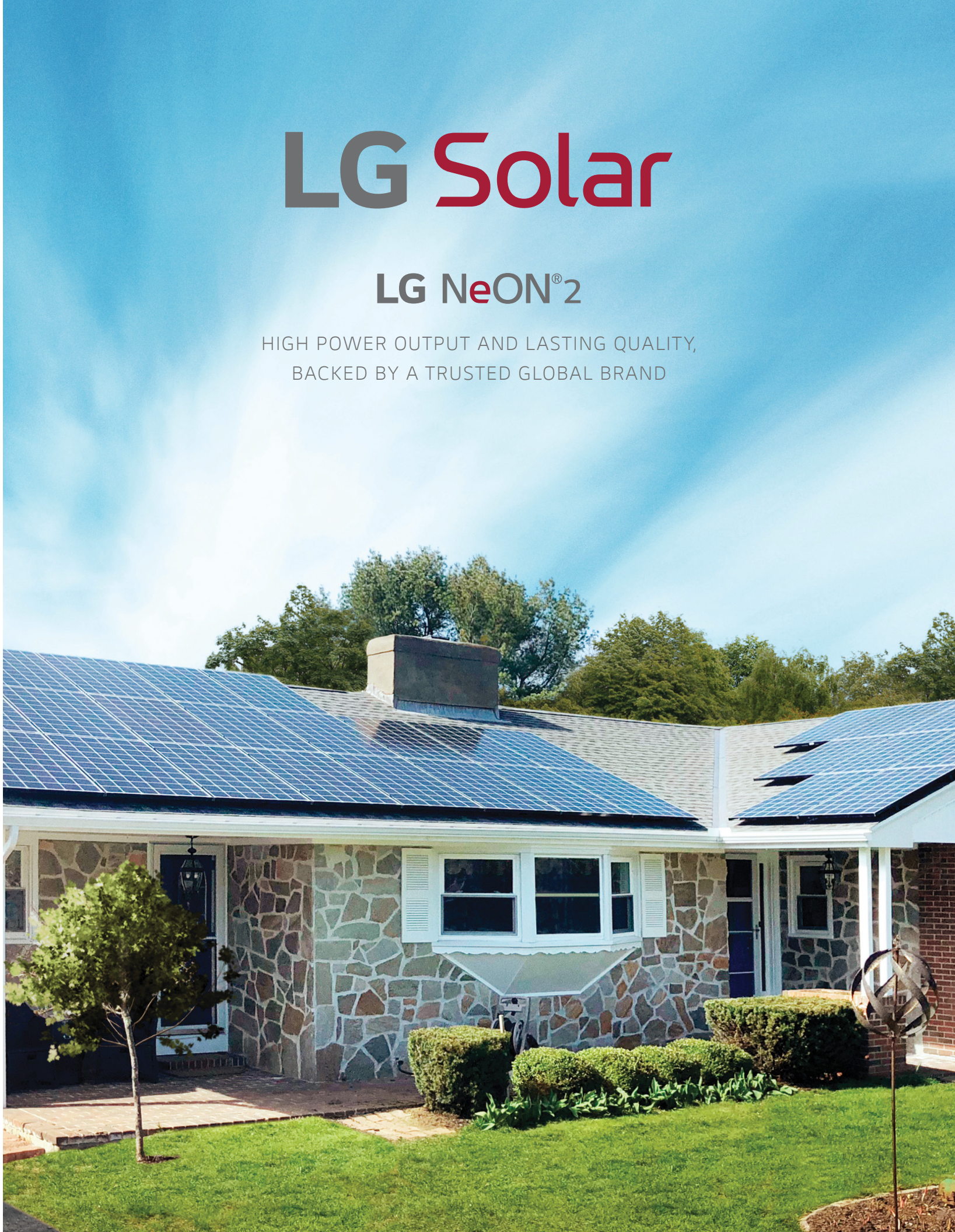
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LG NeON[®]2



When you go solar, ask for the brand you can trust: LG Solar



LG Solar

LG NeON[®]2

HIGH 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. Our high-power, high-efficiency solar panels are backed by a trusted global brand and 25-year limited product and performance warranties.

LG NeON[®] 2



LG NeON[®] 2 Modules and Cello Technology[™]

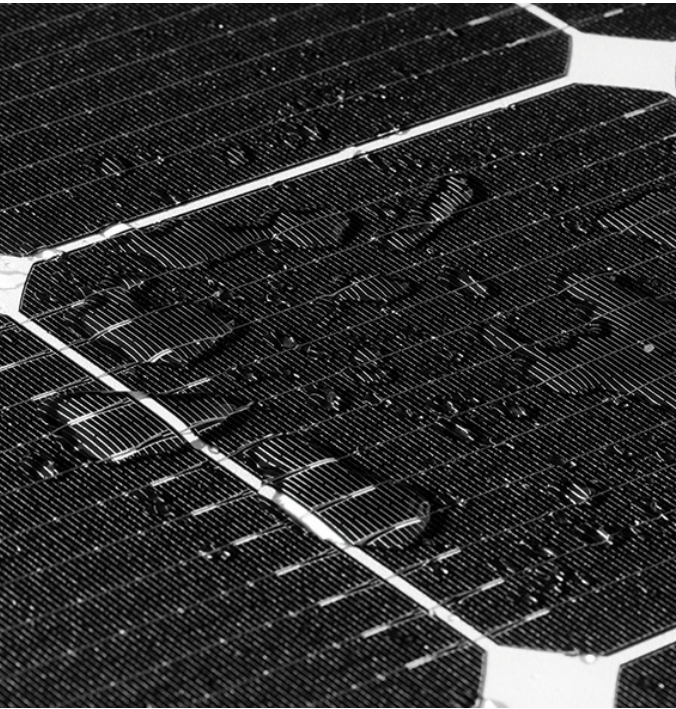
LG NeON[®] 2 solar modules provide high efficiency, high power output, appealing aesthetics, and reliable performance. The modules incorporate Cello Technology[™] (Cell connection with Electrically Low loss, Low stress, and Optical absorption enhancement), developed by LG to increase power output and improve module appearance. Cello Technology[™] incorporates 12 wires into each module instead of the usual 3-5 busbars. The 12 circular-shaped wires scatter light more effectively within the cells and provide more pathways for electrons.

Cello Technology[™] also helps make NeON[®] 2 solar modules less vulnerable to power losses caused by environmental damage such as micro-cracks.



Physical Durability

The highest-quality materials and a reinforced frame design lead to high load capacity for every LG NeON[®] 2 solar module. Each module can handle up to 112 Psf of snow load or withstand 180-mph winds. In comparison, Hurricane Katrina (2005) produced a maximum speed of 175-mph winds.



Space-Saving Modules for Residential Projects

The high output and efficiency of the 60-cell modules enable 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.

