



ACe Your Solar Power System

Introducing the LG Solar NeON® R ACe

What is ACe?

The NeON® R ACe is an AC module that has been developed exclusively by LG with a small, built-in microinverter on the back of every module, replacing the junction box. The microinverter produces AC power with no external DC wiring or connectors. DC power is converted to AC on the roof, directly below each module, and the power is then fed directly into your home.

The ACe Advantage

✓ Monitoring

Because microinverters are located on each module, the performance of individual NeON® R ACe modules can be monitored with LG's EnerVu software, providing peace of mind. This can help identify external shading and aid system troubleshooting. EnerVu monitoring enables you to track the system production on your cell phone or computer and allows your LG PRO installation partner to monitor the health of your system.

✓ 25-year Warranty

With the NeON® R ACe, the microinverter is provided by LG and included in the outstanding 25-year limited warranty. Our warranty covers:



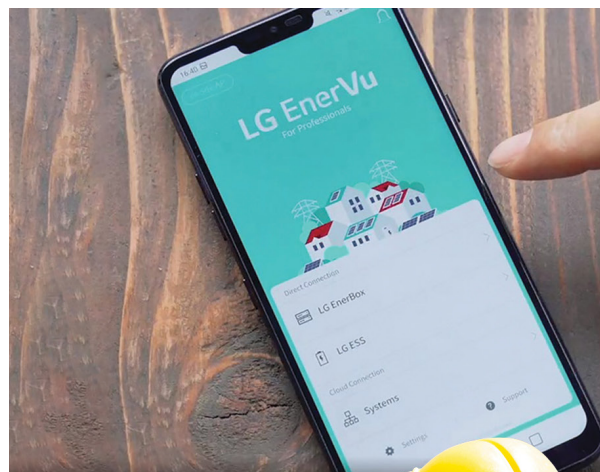
Product – The materials and workmanship that goes into every module are covered for 25 years.



Performance – All solar modules degrade over time, but your ACe modules are guaranteed to produce 98% of their labeled power output in the first year and to degrade at only 0.30% per year between years 2 and 24. At the 25th year, they will still be producing an astonishing 90.8% of their labeled power output.



Labor – 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 will pay up to \$450 of any labor costs in the rare case of a needed module or inverter repair or replacement.



LG works closely with your LG PRO installer and serves as a one-stop-shop for any customer service needs.

✓ System Efficiency

It is important to consider the efficiency of the individual modules you're purchasing. Each NeON® R ACe module is highly efficient and powerful, providing you with more power in the same amount of space than less efficient solar modules. The NeON® R ACe has a labeled DC power output of 375W – the highest of any 60-cell LG Solar module. The underlying NeON® R module has a 21.7% DC efficiency rating.

In addition, when power is converted at the module level, the performance of all modules isn't affected if one doesn't perform as well due to shading or other factors. The overall efficiency of your solar system is therefore increased compared to string inverter installations.

✓ Back Contact Technology and Sleek Appearance

The NeON® R ACe features LG Solar's highly efficient Back Contact Technology, which uses no electrodes on the front side of the panel. This decreases the amount of shading on the cells, improving opportunity for light absorption.

Back Contact Technology provides a sleek, modern appearance.

✓ Solid Performance on Hot Days

With a low power temperature coefficient of $-0.3\%/^{\circ}\text{C}$, the NeON® R ACe performs well throughout the year, including in hot weather conditions that can lead to a loss of solar power performance.

✓ Installation

With no separate micro inverters or trunk cabling to install and very few balance-of-system parts (often just one transition cable and an end cap) the NeON® R ACe modules are quick and easy to install.

✓ The LG Advantage

When you purchase solar energy products from LG, you know you're in good hands. LG is a trusted, bankable global brand that will be here to assist you from the day you buy your modules through each of the 25 years of your warranty.



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

