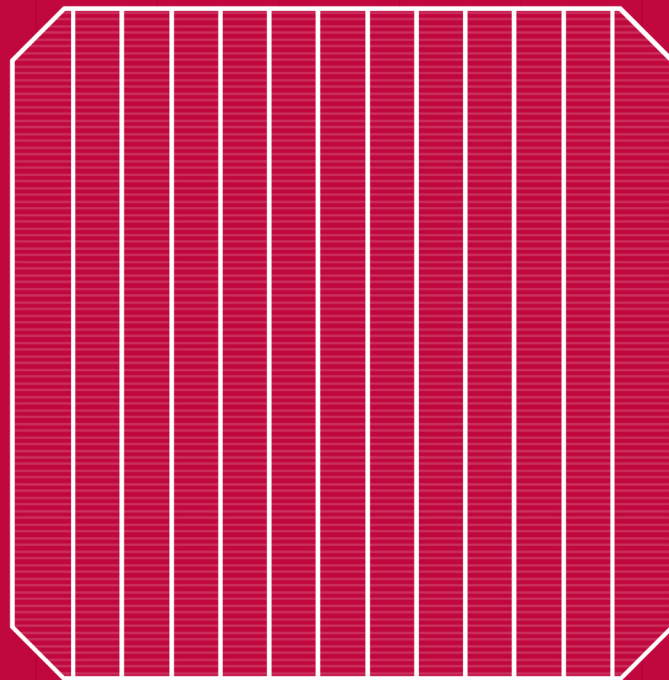


LG NeON™ 2

Cello Technology



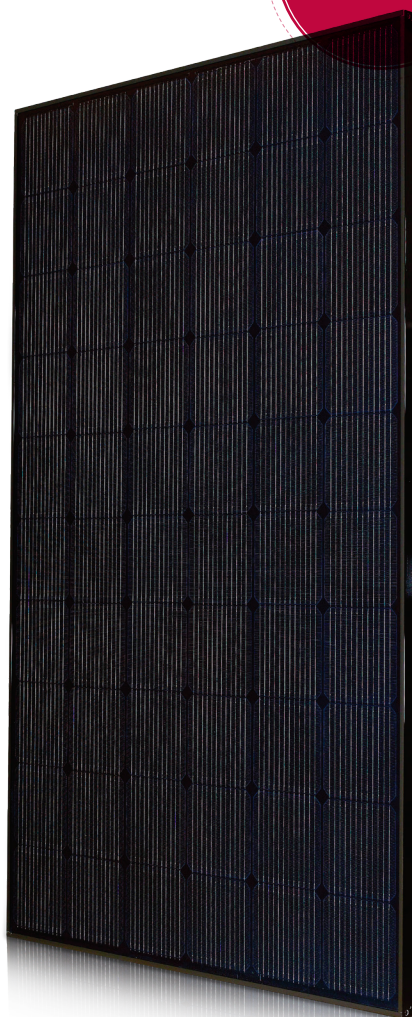
LG NeON™ 2

LG has introduced the NeON™ 2, with newly developed 'Cello Technology™' which improves performance and reliability.

Up to
320W



300W



Cello Technology™

Cell Connection
Electrically
Low Loss
Low Stress
Optical Absorption Enhancement



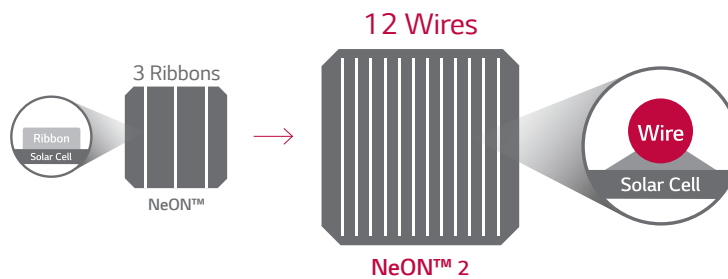
Low Loss



Low Stress

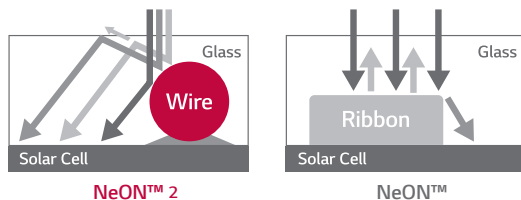


Optical Absorption
Enhancement



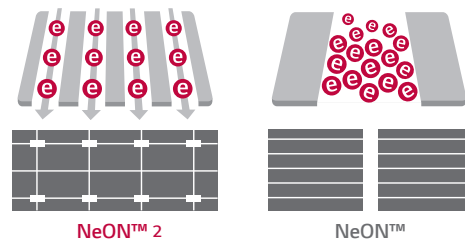
Improved Absorption of Light

Cello Technology™ improves the absorption of light with circular shaped wires, which scatter light more effectively.



Reduced Electrical Loss

Cello Technology™ reduces the electrical loss by spreading the current with 12 wires.



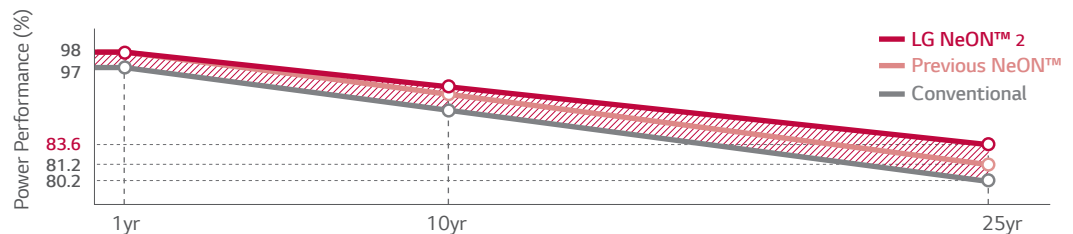
10 Checkpoints

For the Successful Installation of Solar Power System

Industry-leading Warranty

1 WARRANTY FOR A LONG-TERM OPERATION?

LG provides the enhanced performance warranty for the LG NeON™ 2. Annual degradation has fallen from -0.7%/yr to -0.6%/yr. New policy ensures the power performance of 83.6% at least after 25 years.

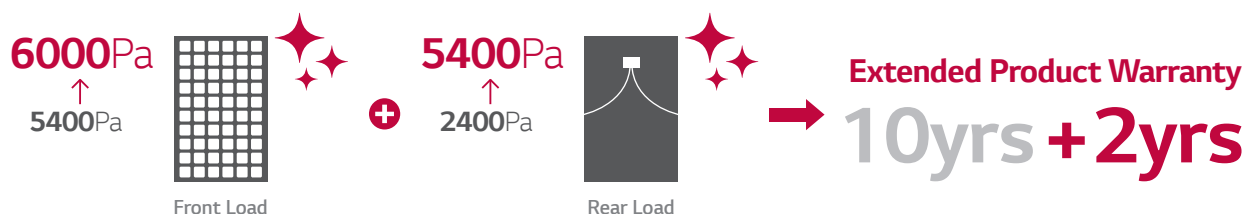


Cello Technology™ increases long-term performance. Even if micro-cracks naturally occur, Cello Technology™ will mitigate the degradation of performance with more electrical paths.

2

STRONG AGAINST THE HARSH ENVIRONMENT?

With reinforced frame design, LG NeON™ 2 can endure a front load up to 6000 Pa and a rear load up to 5400 Pa. Based on the improved rigidity, LG has extended the product warranty for additional 2 years.

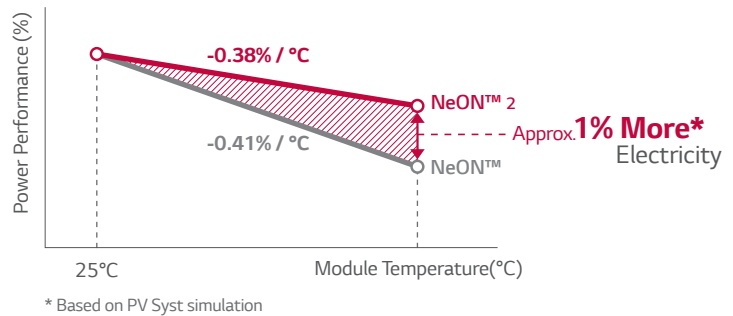
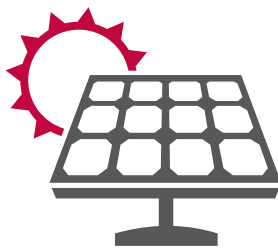


Performance Beyond Expectation

3

BETTER PERFORMANCE ON A SUNNY DAY?

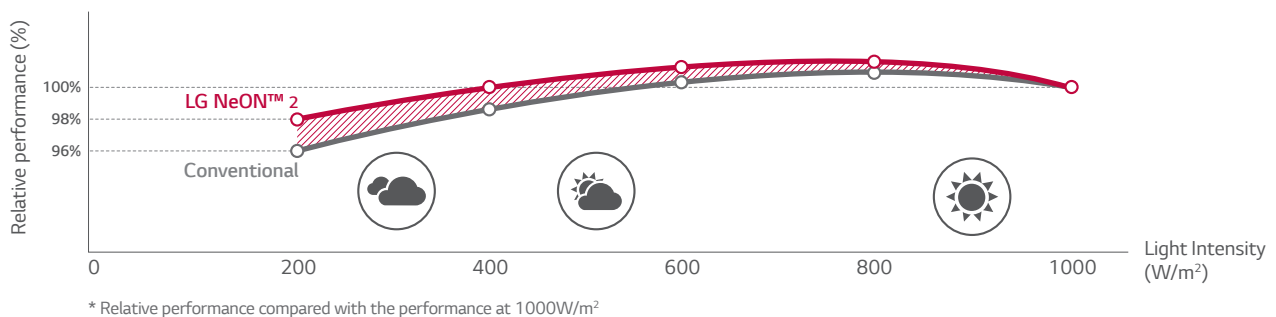
LG NeON™ 2 generates more power on a sunny day thanks to its improved temperature coefficient.



4

POWER GENERATION ON A CLOUDY DAY?

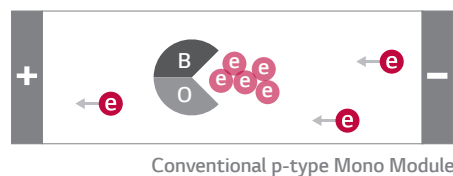
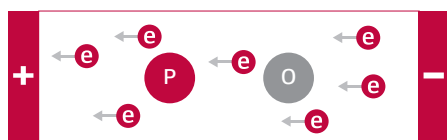
LG NeON™ 2 gives good performance even on a cloudy day due to its low energy reduction in weak sunlight.



5

LIGHT INDUCED DEGRADATION IN THE 1ST YEAR?

While conventional p-type modules suffer from LID (Light Induced Degradation) caused by the reaction of Boron and Oxygen over the 1st year, LG NeON™ 2 uses n-type wafer modules that are rarely affected by it.

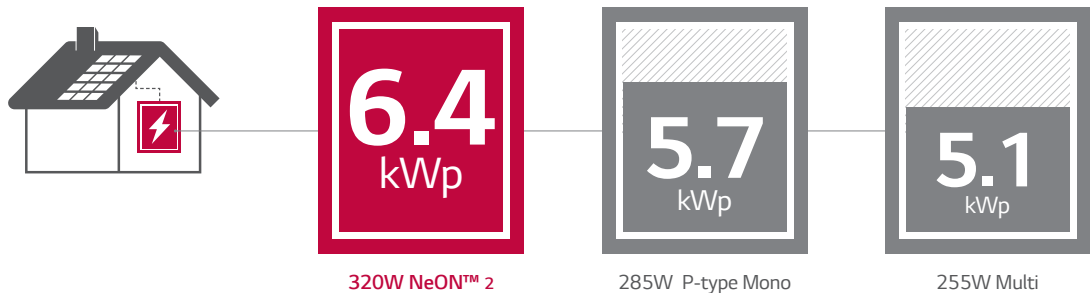


Perfect Solution for the Roof

6 MORE POWER GENERATION IN THE SAME AREA?

LG NeON™ 2 is the right solution for home owners who want to get more electricity within a limited roof space.

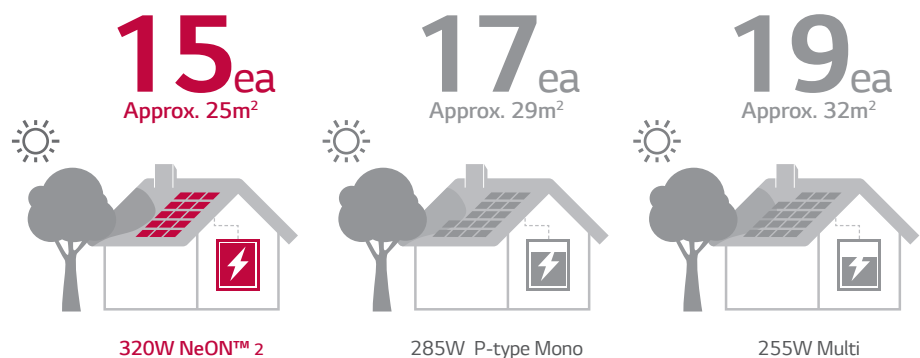
[The capacity of solar power system with 20 modules (60 cells)]



7 CONSTRAINTS FROM SURROUNDING CIRCUMSTANCE?

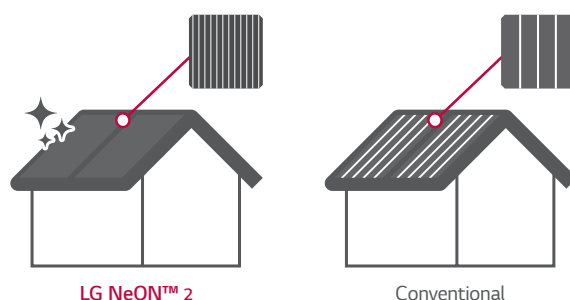
The shadow of the tree and chimney restricts the space for installation of solar system. High efficient LG NeON™ 2 makes it easier to build module array on the roof.

Comparison of Module quantity and space when installing 4.8kWp on the roof



8 AESTHETICALLY MATCHING WITH THE ROOF?

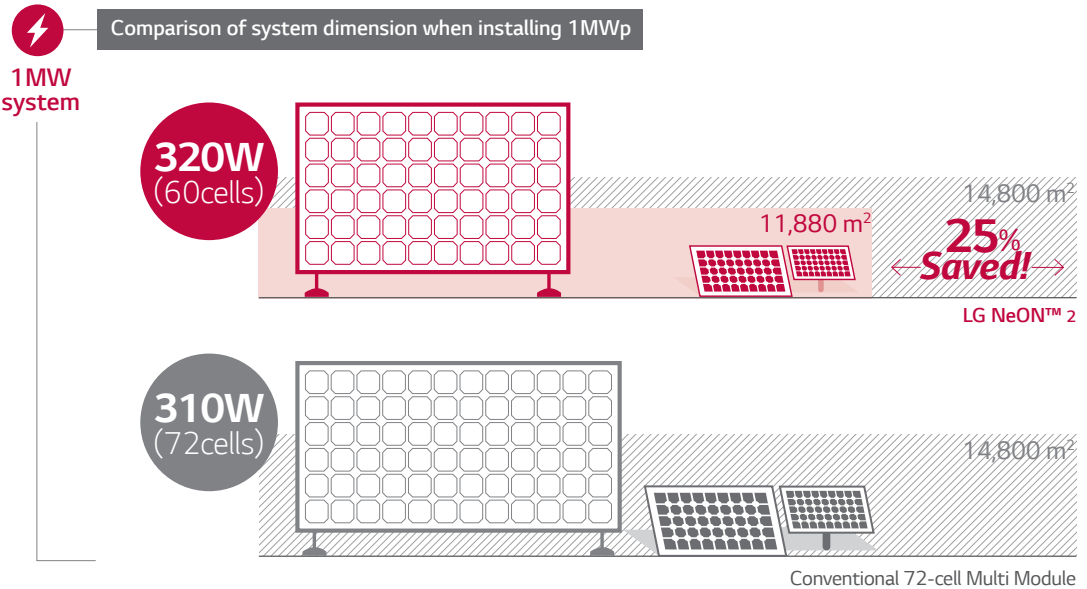
LG NeON™ 2 has been designed with aesthetics in mind; LG NeON™ 2 with thinner wires appear black at a distance. The product can increase the value of a property with its modern design.



Attractive Module for the Large Scale System

9 EFFICIENT SPACE MANAGEMENT?

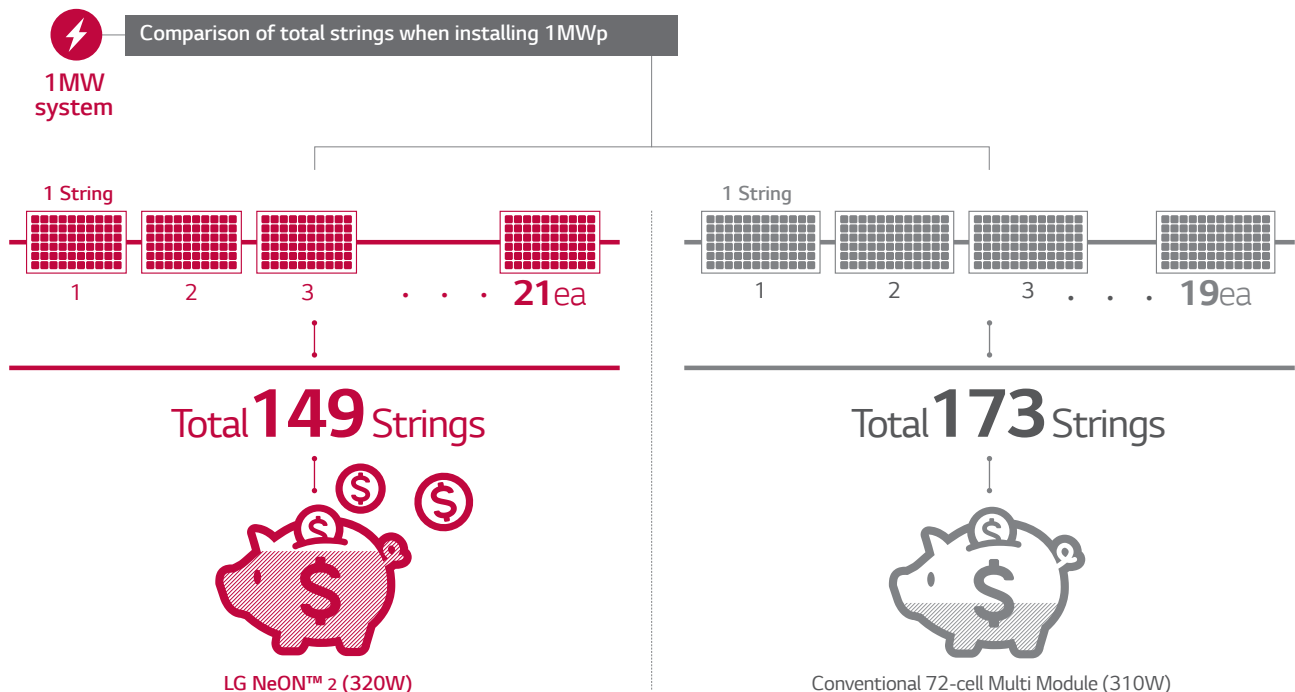
Compared with the conventional 72-cell multi module, the LG NeON™ 2 achieves higher power output with 60 cells, making it easy to manage space when installing large scale system.



* Based on PV Syst simulation

10 B.O.S.(Balance Of System) SAVING?

LG NeON™ 2 can reduce the total number of strings due to its higher efficiency and lower voltage than 72-cell modules. As a result, it saves the B.O.S. of solar power system.



* Based on PV Syst simulation and 1000V system voltage

