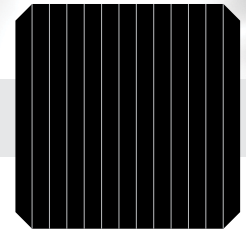


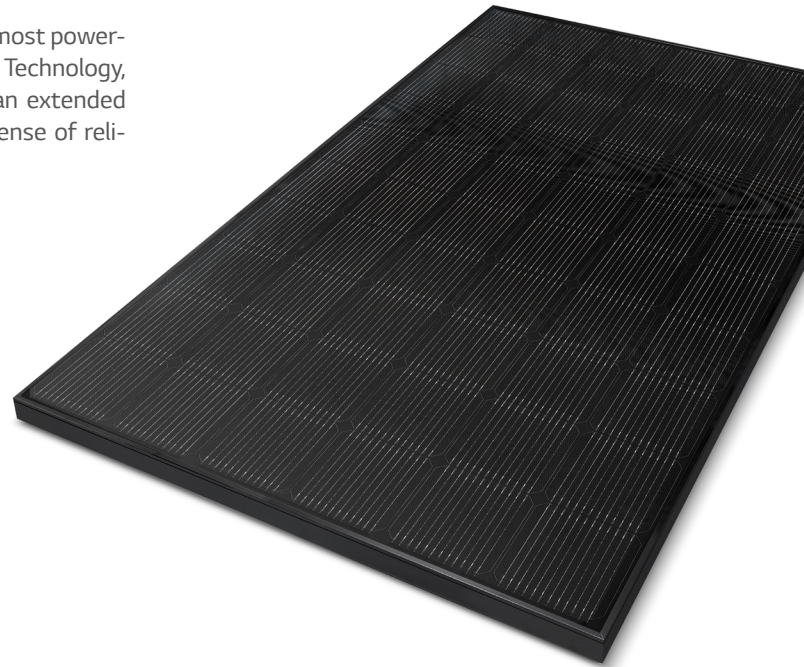
# LG NeON<sup>®</sup> 2 Black



60

**350W | 345W | 340W | 335W**

The LG NeON<sup>®</sup> 2 is LG's best selling solar module, and is one of the most powerful and versatile modules on the market today. Featuring LG's Cello Technology, the LG NeON<sup>®</sup> 2 increases power output. New updates include an extended performance warranty to 90.08 % to give customers a greater sense of reliability and peace of mind.



## Feature



### Enhanced Performance Warranty

LG NeON<sup>®</sup> 2 has an enhanced performance warranty. After 25 years, LG NeON<sup>®</sup> 2 is guaranteed to perform at minimum 90.08% of initial performance.



### Enhanced Product warranty

LG has extended the warranty of the NeON<sup>®</sup> 2 to 25 years, which is among the top of industry standards.



### Better Performance on a Sunny Day

LG NeON<sup>®</sup> 2 now performs better on sunny days, thanks to its improved temperature coefficient.



### Roof Aesthetics

LG NeON<sup>®</sup> 2 has been designed with aesthetics in mind using thinner wires that appear all black at a distance. The LG NeON<sup>®</sup> 2 can increase the aesthetic value of your home with a more modern design.

## About LG Electronics

LG Electronics is a global big player, committed to expanding its operations with the solar market. The company first embarked on a solar energy source research program in 1985, supported by LG Group's vast experience in the semi-conductor, LCD, chemistry and materials industries. In 2010, LG Solar successfully released its first MonoX<sup>®</sup> series to the market, which is now available in 32 countries. The NeON<sup>®</sup> (previous MonoX<sup>®</sup> NeON), NeON<sup>®</sup>2, NeON<sup>®</sup>2 BiFacial won the "Intersolar AWARD" in 2013, 2015 and 2016, which demonstrates LG Solar's lead, innovation and commitment to the industry.



# LG NeON<sup>®</sup>2 Black

LG350N1K-V5 | LG345N1K-V5 | LG340N1K-V5 | LG335N1K-V5

## General Data

Cell Properties(Material / Type)	Monocrystalline / N-type
Cell Maker	LG
Cell Configuration	60 Cells (6 x 10)
Number of Busbars	12EA
Module Dimensions (L x W x H)	1,686mm x 1,016mm x 40 mm
Weight	17.1 kg
Glass (Material)	Tempered Glass with AR Coating
Backsheet(Color)	Black
Frame(Material)	Anodized Aluminium
Junction Box(Protection Degree)	IP 68 with 3 Bypass Diodes
Cables(Length)	1,000 mm x 2EA
Connector(Type / Maker)	MC 4 / MC

## Certifications and Warranty

Certifications	IEC 61215-1/-1-1/2:2016, IEC 61730-1/2:2016, UL 1703
	ISO 9001, ISO 14001, ISO 50001
	OHSAS 18001
Salt Mist Corrosion Test	IEC 61701 : 2012 Severity 6
Ammonia Corrosion Test	IEC 62716 : 2013
Module Fire Performance	Type 2 (UL 1703)
Fire Rating	Class C (UL 790, ULC/ORD C 1703)
Solar Module Product Warranty	25 Years
Solar Module Output Warranty	Linear Warranty*

\* First year : 98% 2) After 1st year : 0.33% annual degradation 3) 90.08% for 25 years

## Temperature Characteristics

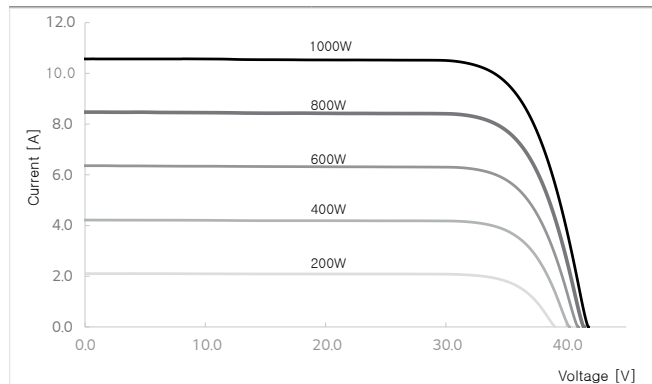
NMOT <sup>†</sup>	[ °C ]	42 ± 3
Pmax	[%/°C]	-0.36
Voc	[%/°C]	-0.26
Isc	[%/°C]	0.03

\* NMOT (Nominal Module Operating Temperature): Irradiance 800 W/m<sup>2</sup>, Ambient temperature 20 °C, Wind speed 1 m/s, Spectrum AM 1.5

## Electrical Properties (NMOT)

Model	LG350N1K-V5	LG345N1K-V5	LG340N1K-V5	LG335N1K-V5
Maximum Power (Pmax) [W]	263	259	255	251
MPP Voltage (Vmpp) [V]	33.5	33.2	32.8	32.4
MPP Current (Impp) [A]	7.83	7.80	7.78	7.76
Open Circuit Voltage (Voc) [V]	39.0	38.9	38.8	38.7
Short Circuit Current (Isc) [A]	8.38	8.35	8.32	8.28

## I-V Curves



## Electrical Properties (STC\*)

Model	LG350N1K-V5	LG345N1K-V5	LG340N1K-V5	LG335N1K-V5
Maximum Power (Pmax) [W]	350	345	340	335
MPP Voltage (Vmpp) [V]	35.7	35.3	34.9	34.5
MPP Current (Impp) [A]	9.81	9.78	9.75	9.72
Open Circuit Voltage (Voc, ± 5%) [V]	41.4	41.3	41.2	41.1
Short Circuit Current (Isc, ± 5%) [A]	10.43	10.39	10.35	10.31
Module Efficiency [%]	20.4	20.1	19.8	19.6
Power Tolerance [%]	0 ~ +3			

\* STC (Standard Test Condition): Irradiance 1000 W/m<sup>2</sup>, Cell temperature 25 °C, AM 1.5

\*\* Measurement Tolerance : ± 3%

## Operating Conditions

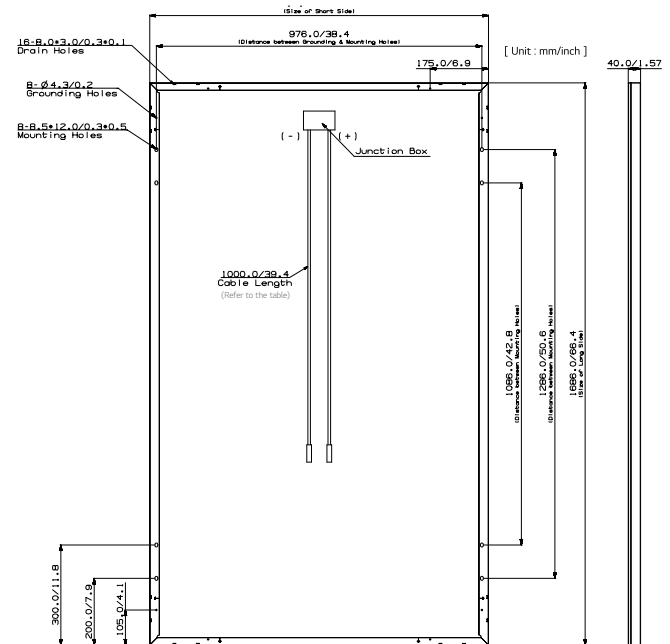
Operating Temperature	[°C ]	-40 ~ +90
Maximum System Voltage	[V]	1,000
Maximum Series Fuse Rating	[A]	20
Mechanical Test Load (Front)	[Pa / psf]	5,400 / 113
Mechanical Test Load (Rear)	[Pa / psf]	4,000 / 83.5

\* Mechanical Test Load 5,400Pa / 4,000Pa based on IEC 61215-2 : 2016 (Test Load = Design Load x Safety Factor(1.5))

## Packaging Configuration

Number of Modules per Pallet	[EA]	25
Number of Modules per 40ft HQ Container	[EA]	650
Packaging Box Dimensions (L x W x H)	[mm]	1,750 x 1,120 x 1,221
Packaging Box Gross Weight	[kg]	464

## Dimensions (mm / inch)



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Product specifications are subject to change without notice.  
DS-V5-60-K-G-F-EN-90806

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