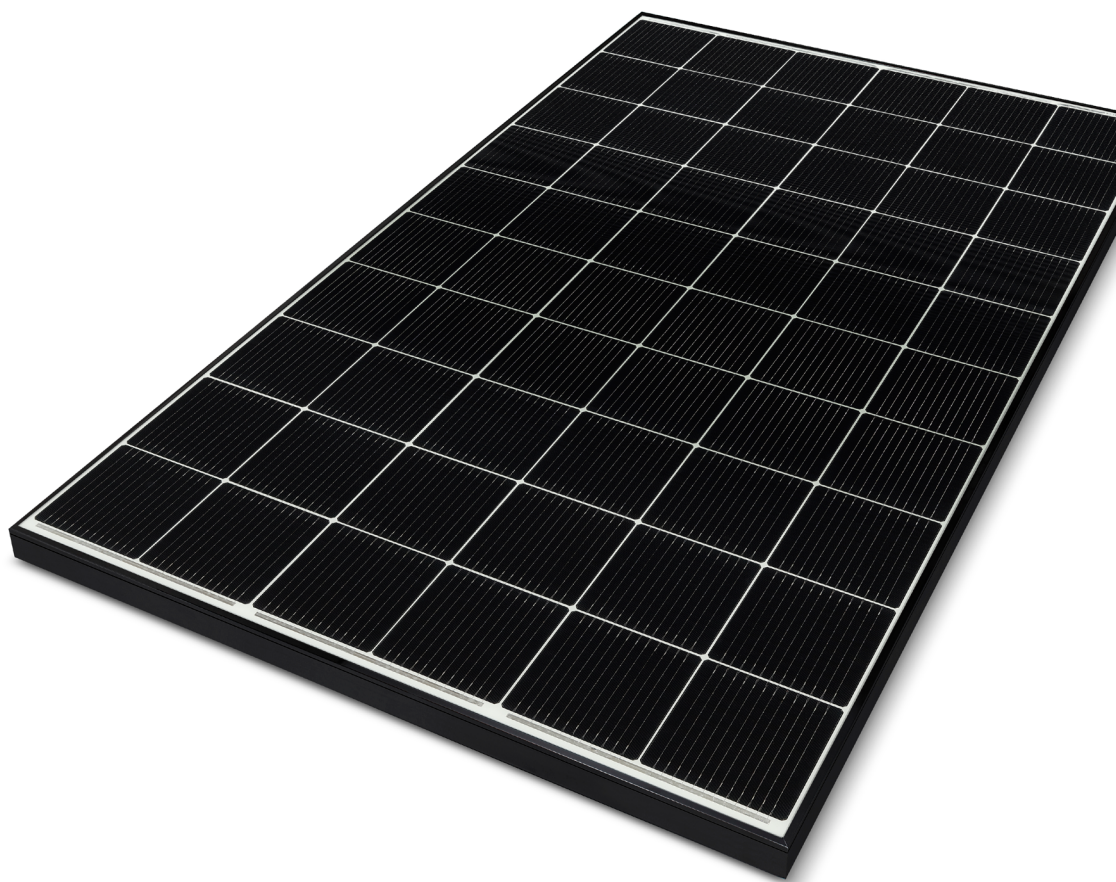


LG NeON[®] 2

60

370W | 365W | 360W

The LG NeON[®] 2 is LG's best selling solar module, and is one of the powerful and versatile modules on the market today. The new LG NeON[®] 2 has been designed with aesthetics in mind using new cell design.



Feature



Enhanced Performance Warranty

LG NeON[®] 2 has an enhanced performance warranty. After 25 years, LG NeON[®] 2 is guaranteed to perform at minimum 90.1% of initial performance.



25Year Product Warranty

Because of the high quality of LG Solar panels, LG provides 25 years product warranty to customers.

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[®] series to the market, which is now available in 32 countries. The NeON[®] (previous MonoX[®] NeON), NeON[®]2, NeON[®]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[®]2

LG370N1C-N5 | LG365N1C-N5 | LG360N1C-N5

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)	1,700mm x 1,016mm x 40 mm
Weight	18.0 kg
Glass(Thickness/Material)	2.8mm/Tempered Glass with AR Coating
Backsheet(Color)	White
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

* 05-8 / Renhe for Korea and Japan

Certifications and Warranty

Certifications	IEC 61215-1/-1-1/2:2016, IEC 61730-1/2:2016
	UL 61730-1/-2:2017
	ISO 9001, ISO 14001, ISO 50001
	OHSAS 18001
Salt Mist Corrosion Test	IEC 61701:2011 Severity 6
Ammonia Corrosion Test	IEC 62716 : 2013
Module Fire Performance	Type 1(UL 61730)
Fire Rating	Class C (UL 790)
Solar Module Product Warranty	25 Years
Solar Module Output Warranty	Linear Warranty*

* 1) First year : 98% 2) After 1st year : 0.33% annual degradation, 3) 90.1% for 25 years

Temperature Characteristics

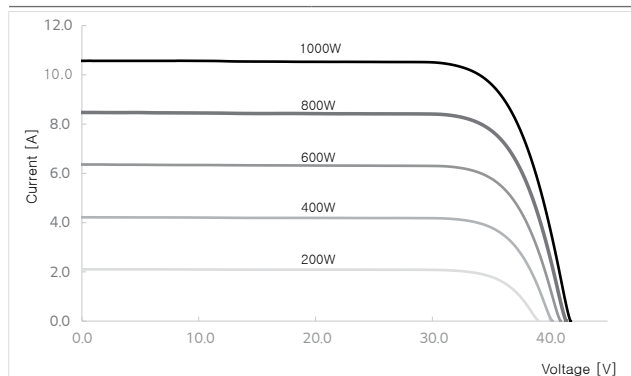
NMOT*	[°C]	42 ± 3
Pmax	[%/°C]	-0.34
Voc	[%/°C]	-0.26
Isc	[%/°C]	0.03

* NMOT (Nominal Module Operating Temperature): Irradiance 800 W/m², Ambient temperature 20 °C, Wind speed 1 m/s, Spectrum AM 1.5

Electrical Properties (NMOT)

Model		LG370N1C-N5	LG365N1C-N5	LG360N1C-N5
Maximum Power (Pmax)	[W]	277.2	273.9	270.2
MPP Voltage (Vmpp)	[V]	33.6	33.3	33.0
MPP Current (Impp)	[A]	8.24	8.21	8.20
Open Circuit Voltage (Voc)	[V]	39.4	39.3	39.2
Short Circuit Current (Isc)	[A]	8.77	8.74	8.71

I-V Curves



Electrical Properties (STC*)

Model		LG370N1C-N5	LG365N1C-N5	LG360N1C-N5
Maximum Power (Pmax)	[W]	370	365	360
MPP Voltage (Vmpp)	[V]	35.8	35.5	35.1
MPP Current (Impp)	[A]	10.34	10.30	10.28
Open Circuit Voltage(Voc, ± 5%)	[V]	41.8	41.7	41.6
Short Circuit Current(Isc, ± 5%)	[A]	10.92	10.88	10.84
Module Efficiency	[%]	21.4	21.1	20.8
Power Tolerance	[%]	0 ~ +3		

* STC (Standard Test Condition): Irradiance 1000 W/m², Cell temperature 25 °C, AM 1.5, Measurement Tolerance of Pmax : ± 3%

Operating Conditions

Operating Temperature	[°C]	-40 ~ +90
Maximum System Voltage	[V]	1000(IEC) / 1000(UL)
Maximum Series Fuse Rating	[A]	20
Mechanical Test Load* (Front)	[Pa / psf]	5,400 / 113
Mechanical Test Load* (Rear)	[Pa / psf]	4,000 / 84

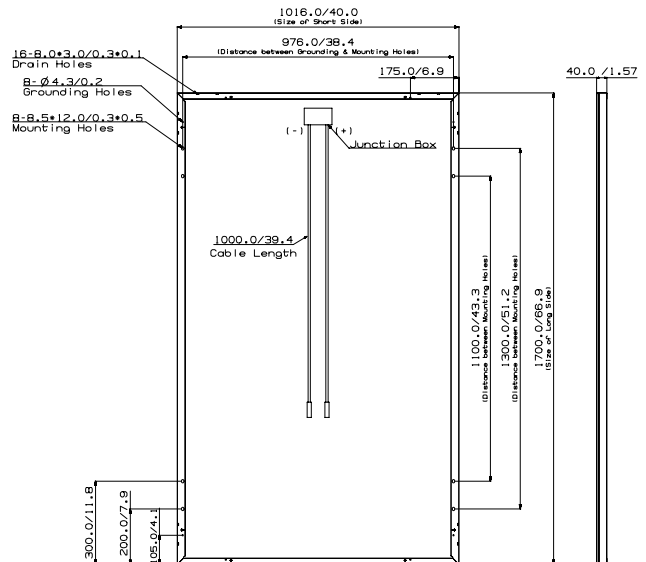
* Based on IEC 61215-2 : 2016 (Test Load = Design Load x Safety Factor(1.5))

** Mechanical Test Loads 6,000Pa / 5,400Pa based on IEC 61215:2005

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.
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