

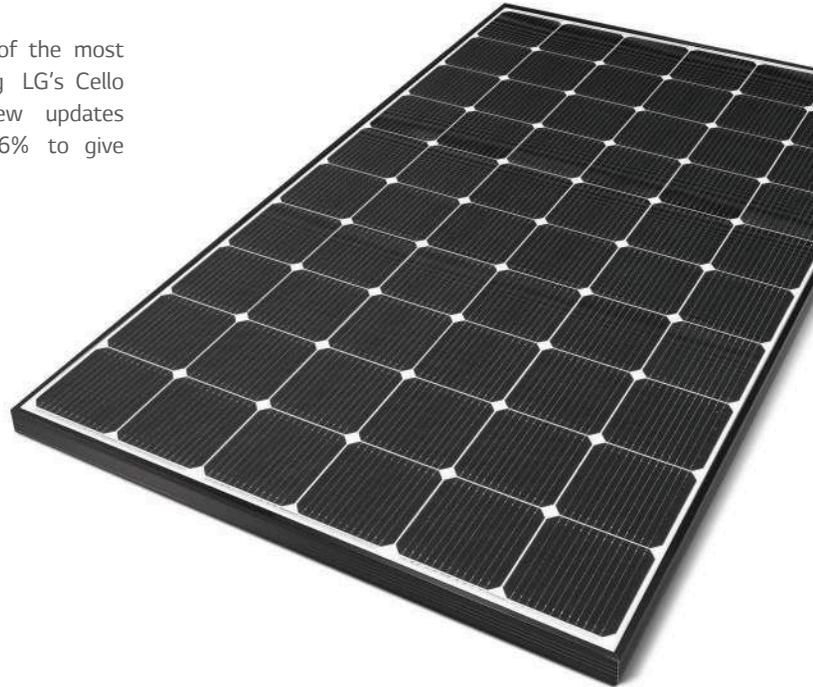
LG NeON[®] 2

LG330N1C-V5

60

330W

The LG NeON[®] 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[®] 2 increases power output. New updates include an extended performance warranty from 86% to 89.6% to give customers higher performance and reliability.



Features



Enhanced Product warranty

LG NeON[®] 2 has an enhanced performance warranty. After 25 years, LG NeON[®] 2 is guaranteed to perform at a minimum of 89.6% of initial performance.



Enhanced Product Warranty

LG has extended the warranty of the NeON[®] 2 to 25 years including labor, which is among the leading industry standards.



Better Performance on Sunny Days

LG NeON[®] 2 now performs better on sunny days, thanks to its improved temperature coefficient



Roof Aesthetics

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

About LG Electronics

LG Electronics is a global leader in electronic products in the clean energy markets by offering solar PV panels and energy storage systems. 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's leadership and innovation in the solar industry.



LG330N1C-V5

General Data

Cell Properties (Material/Type)	Monocrystalline / N- type
Cell Maker	LG
Cell Configuration	60 Cells (6 x 10)
Number of Busbars	12 EA
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)	White
Frame (Material)	Anodized Aluminium
Junction Box (Protection Degree)	IP 68 with 3 Bypass Diodes
Cables (Length)	1,000 mm x 2 EA
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, PV CYCLE
Salt Mist Corrosion Test	IEC 61701 : 2012 Severity 6
Ammonia Corrosion Test	IEC 62716 : 2013
Module Fire Performance	Type 1 (UL 1703)
Solar Module Product Warranty	25 Years
Solar Module Output Warranty	Linear Warranty*

* 1) First year : 98% 2) After 1st year : 0.35% annual degradation, 3) 89.6% for 25 years

Temperature Characteristics

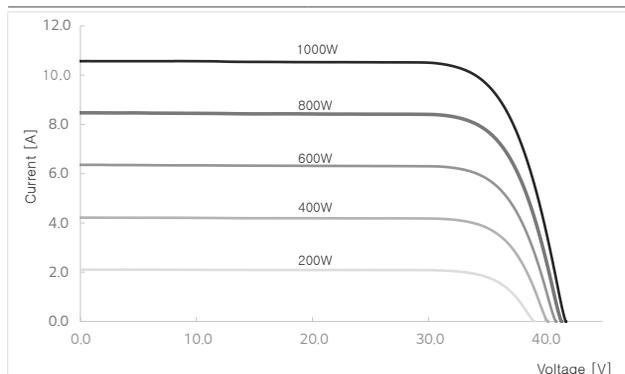
NMOT [†]	[°C]	42 ± 3
Pmax	[%/°C]	-0.36
Voc	[%/°C]	-0.27
Isc	[%/°C]	0.03

* 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	LG330N1C-V5	
Maximum Power (Pmax)	[W]	246
MPP Voltage (Vmpp)	[V]	31.5
MPP Current (Impp)	[A]	7.81
Open Circuit Voltage (Voc)	[V]	38.40
Short Circuit Current (Isc)	[A]	8.40

I-V Curves



Electrical Properties (STC*)

Model	LG330N1C-V5	
Maximum Power (Pmax)	[W]	330
MPP Voltage (Vmpp)	[V]	33.7
MPP Current (Impp)	[A]	9.8
Open Circuit Voltage (Voc, ± 5%)	[V]	40.9
Short Circuit Current (Isc, ± 5%)	[A]	10.45
Module Efficiency	[%]	19.3
Power Tolerance	[%]	0 - +3

* STC (Standard Test Condition): Irradiance 1000 W/m², Cell temperature 25 °C, AM 1.5

Operating Conditions

Operating Temperature	[°C]	-40 ~ +90
Maximum System Voltage	[V]	1,000
Maximum Series Fuse Rating	[A]	20
Mechanical Load (Front)	[psf]	113
Mechanical Load (Rear)	[psf]	84

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)

