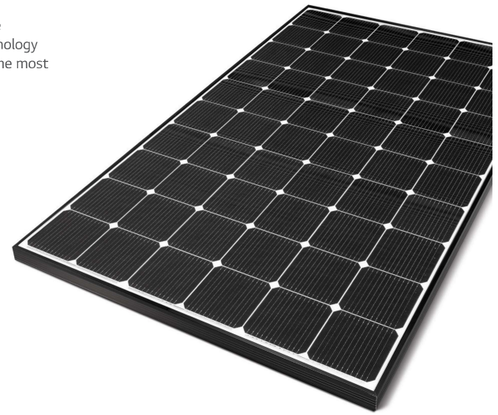
LG NeON® 2

LG335N1C-A5 | LG330N1C-A5 | LG325N1C-A5

60

335W | 330W | 330W

The LG NeON® 2 is LG's best selling solar module. It received the acclaimed 2015 Intersolar AWARD for featuring LG's Cello Technology that increases its power output and reliability making it one of the most powerful and versatile modules on the market.



Feature

Enhanced Performance Warranty

LG NeON® 2 has an enhanced performance warranty. After 25 years, LG NeON® 2 is guaranteed at least 84.8% of initial performance.

High Power Output

Compared with previous models, the LG NeON® 2 has been designed to significantly enhance its output efficiency making it efficient even in limited space.

Aesthetic Roof

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

Outstanding Durability

With its newly reinforced frame design, LG has extended the warranty of the NeON® 2 for an additional 2 years. Additionally, LG NeON® 2 can endure a front load up to 6000 Pa, and a rear load up to 5400 Pa.

Better Performance on a Sunny Day

LG NeON® 2 now performs better on a sunny days thanks to its improved temperature coefficient.

Near Zero LID (Light Induced Degradation)

The n-type cells used in LG NeON® 2 have almost no boron, which may cause the initial performance degradation, leading to less LID.

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.

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Mechanical Properties

Cells	6 x 10
Cell Vendor	LG
Cell Type	Monocrystalline / N-type
Cell Dimensions	161.7 x 161.7 mm / 6 inches
# of Busbar	12 (Multi Wire Busbar)
Dimensions (L x W x H)	1,686 x 1,016 x 40 mm
	66.38 x 40 x 1.57 in
Front Load	6,000Pa / 125 psf
Rear Load	5,400Pa / 113 psf
Weight	18 kg / 39.68 lb
Connector Type	MC4 (MC)
Junction Box	IP68 with 3 Bypass Diodes
Cables	1,000 mm x 2 ea / 39.37 in x 2 ea
Glass	High Transmission Tempered Glass
Frame	Anodized Aluminium

Certifications and Warranty

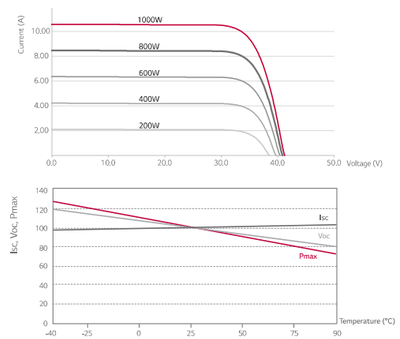
Certifications	IEC 61215, IEC 61730-1/-2
	UL 1703
	IEC 61701 (Salt mist corrosion test)
	IEC 62716 (Ammonia corrosion test)
	ISO 9001
Module Fire Performance	Type 1 (UL 1703)
Fire Rating	Class C (ULC/ORD C 1703, IEC 61730)
Product Warranty	12 Years
Output Warranty of Pmax	Linear Warranty*

* 1) 1st year 98%, 2) After 1st year 0.55% annual degradation 3) 84.8% for 25 years

Temperature Characteristics

NOCT	[℃]	45 ± 3
Pmax	[%/℃]	-0.37
Voc	[%/℃]	-0.27
Isc	[%/℃]	0.03

Characteristic Curves



Electrical Properties (STC*)

Model		LG335N1C-A5	LG330N1C-A5	LG325N1C-A5
Maximum Power (Pmax)	[W]	335	330	325
MPP Voltage (Vmpp)	[V]	34.1	33.7	33.3
MPP Current (Impp)	[A]	9.83	9.80	9.77
Open Circuit Voltage (Voc)	[V]	41.0	40.9	40.8
Short Circuit Current (Isc)	[A]	10.49	10.45	10.41
Module Efficiency	[%]	19.6	19.3	19.0
Operating Temperature	[℃]	-40 ~ +90		
Maximum System Voltage	[V]	1000 (UL / IEC)		
Maximum Series Fuse Rating	[A]	20		
Power Tolerance	[%]	0 ~ +3		

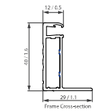
* STC (Standard Test Condition): Irradiance 1000 W/m², cell temperature 25 ℃, AM 1.5
The nameplate power output is measured and determined by LG Electronics at its sole and absolute discretion.
The Typical change in module efficiency at 200 W/m² in relation to 1000 W/m² is -2.0%.

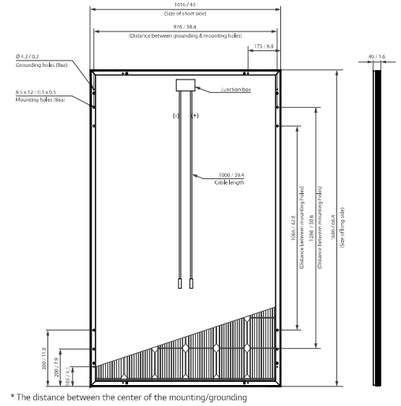
Electrical Properties (NOCT*)

Model		LG335N1C-A5	LG330N1C-A5	LG325N1C-A5
Maximum Power (Pmax)	[W]	247	243	240
MPP Voltage (Vmpp)	[V]	31.5	31.2	30.8
MPP Current (Impp)	[A]	7.83	7.81	7.78
Open Circuit Voltage (Voc)	[V]	38.2	38.1	38.0
Short Circuit Current (Isc)	[A]	8.44	8.41	8.38

* NOCT (Nominal Operating Cell Temperature): Irradiance 800 W/m², ambient temperature 20 ℃, wind speed 1 m/s

Dimensions (mm / inch)





* The distance between the center of the mounting/grounding

LG Life's Good

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Product specifications are subject to change without notice.
DS-N5-60-C-G-F-EN-70521