

## LG330N1C-V5 | LG325N1C-V5



# 330W | 325W

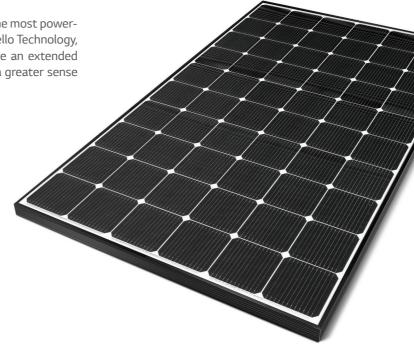
The LG NeON® 2 is LG's best selling solar module, and is one of the most powerful and versatile modules on the market today. Featuring LG's Cello Technology, the LG NeON® 2 increases power output. New updates include an extended performance warranty from 86% to 89.6% to give customers a greater sense of reliability and peace of mind.











# **Feature**



#### **Enhanced Performance Warranty**

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



#### **Enhanced Product warranty**

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



#### Better Performance on a Sunny Day

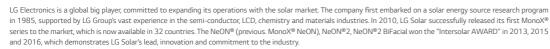
LG NeON® 2 now performs better on sunny days, thanks to its improved temperature coefficient.



#### **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







#### LG330N1C-V5 | LG325N1C-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)	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

## Certifications and Warranty

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Certifications	IEC 61215-1/-1-1/2:2016, IEC 61730-		
	1/2:2016		
	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		
Fire Rating	Class C (UL 790)		
Solar Module Product Warranty	25 Years		
Solar Module Output Warranty	Linear Warranty*		

 $<sup>\,^*</sup>$  1) First year : 98% 2) After 1st year : 0.35% annual degradation 3) 89.6% for 25years

# **Temperature Characteristics**

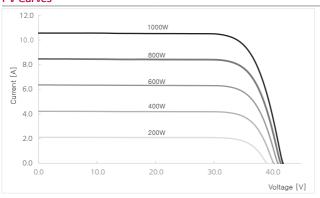
	•		
NI	MOT*	[ °C ]	42 ± 3
Pn	nax	[%/°C]	-0.36
Vo	С	[%/°C]	-0.27
Isc		[%/°C]	0.03

 $<sup>\</sup>star$  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	LG325N1C-V5	
Maximum Power (Pmax)	[W]	246	243	
MPP Voltage (Vmpp)	[V]	31.5	31.2	
MPP Current (Impp)	[A]	7.81	7.79	
Open Circuit Voltage (Voc)	[V]	38.4	38.3	
Short Circuit Current (Isc)	[A]	8.40	8.37	

#### **I-V Curves**



#### **Electrical Properties (STC\*)**

Model		LG330N1C-V5	LG325N1C-V5	
Maximum Power (Pmax)	[W]	330	325	
MPP Voltage (Vmpp)	[V]	33.7	33.3	
MPP Current (Impp)	[A]	9.80	9.77	
Open Circuit Voltage(Voc, ± 5%)	[V]	40.9	40.8	
Short Circuit Current(lsc, ± 5%)	[A]	10.45	10.41	
Module Efficiency	[%]	19.3	19.0	
Power Tolerance	[%]	0~+3		

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

#### **Operating Conditions**

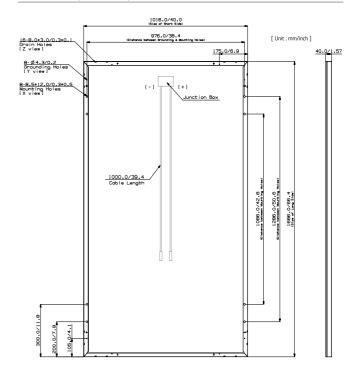
Operating Temperature	[°C ]	-40 ~ +90
Maximum System Voltage	[V]	1,000(UL), 1000(IEC)
Maximum Series Fuse Rating	[A]	20
Mechanical Test Load (Front)	[Pa]	5,400
Mechanical Test Load (Rear)	[Pa]	4,000

<sup>\*</sup> 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)







Solar Business Division

LG Twin Towers, 128 Yeoui-daero, Yeongdeungpo-gu, Seoul