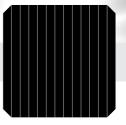


LG340N1C-A5 | LG335N1C-A5 | LG330N1C-A5



340W | 335W | 330W

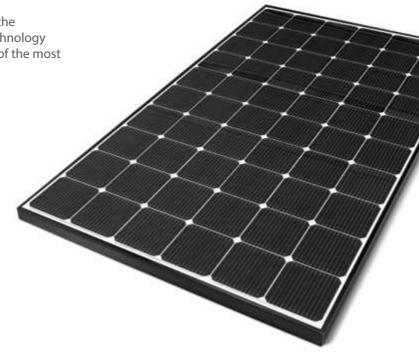
The LG NeON® 2 is LG's best selling solar module. It received the acclaimed 2015 Intersolar AWARD for featuring LG's Cello Technology that increases its power output and reliability making it one of the most powerful and versatile modules on the market.











Feature



Enhanced Performance Warranty

LG NeON® 2 has an enhanced performance warranty. After 25 years, LG NeON® 2 is guaranteed at least 86% 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 from 15 years to 25 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

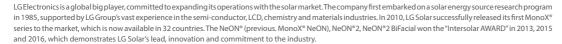
LG NeON® 2 now performs better on a sunny days thanks to its improved temperature coefficient.



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







LG340N1C-A5 | LG335N1C-A5 | LG330N1C-A5

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), PV-JM601A(JMTHY) |
| Junction Box | IP68 with 3 Bypass Diodes |
| Cables | 1,000 mm x 2 ea / 39.37 in x 2 ea |
| Glass | Tempered Glass with AR Coating |
| Frame | Anodized Aluminium |

^{*} Please refer to the installation manual for the details.

Certifications and Warranty

| Certifications and Warranty | | | | |
|-----------------------------|--------------------------------------|--|--|--|
| | IEC 61215, IEC 61730-1/-2 | | | |
| | UL 1703 | | | |
| Certifications | 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 | 25 Years | | | |
| Output Warranty of Pmax | Linear Warranty* | | | |
| | | | | |

^{* 1) 1}st year: 98%, 2) After 1st year: 0.5% annual degradation 3) 86% for 25 years

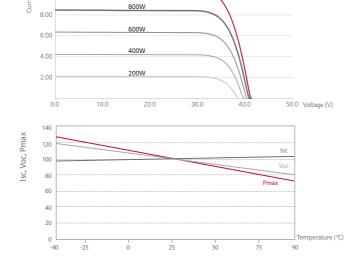
1000W

Temperature Characteristics

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

Characteristic Curves

10.00



Electrical Properties (STC*)

| Model | | LG340N1C-A5 | LG335N1C-A5 | LG330N1C-A5 | |
|-----------------------------|------|-----------------|-------------|-------------|--|
| Maximum Power (Pmax) | [W] | 340 | 335 | 330 | |
| MPP Voltage (Vmpp) | [V] | 34.5 | 34.1 | 33.7 | |
| MPP Current (Impp) | [A] | 9.86 | 9.83 | 9.80 | |
| Open Circuit Voltage (Voc) | [V] | 41.1 | 41.0 | 40.9 | |
| Short Circuit Current (Isc) | [A] | 10.53 | 10.49 | 10.45 | |
| Module Efficiency | [%] | 19.8 | 19.6 | 19.3 | |
| Operating Temperature | [°C] | -40 ~ +90 | | | |
| Maximum System Voltage | [V] | 1000 (UL / IEC) | | | |
| Maximum Series Fuse Rating | [A] | 20 | | | |
| Power Tolerance | [%] | 0~+3 | | | |

^{*} STC (Standard Test Condition): Irradiance $1000 \, \text{W/m}^2$, cell temperature $25 \, ^{\circ}\text{C}$, AM 1.5 The nameplate power output is measured and determined by LG Electronics at its sole and absolute discretion.

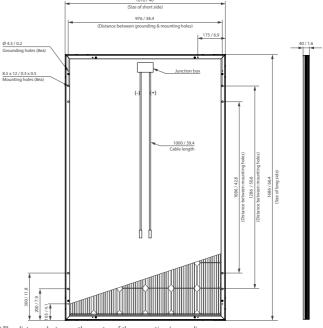
Electrical Properties (NOCT*)

| = | | | | | | | |
|-----------------------------|-----|-------------|-------------|-------------|--|--|--|
| Model | | LG340N1C-A5 | LG335N1C-A5 | LG330N1C-A5 | | | |
| Maximum Power (Pmax) | [W] | 251 | 247 | 243 | | | |
| MPP Voltage (Vmpp) | [V] | 31.9 | 31.5 | 31.2 | | | |
| MPP Current (Impp) | [A] | 7.86 | 7.83 | 7.81 | | | |
| Open Circuit Voltage (Voc) | [V] | 38.3 | 38.2 | 38.1 | | | |
| Short Circuit Current (Isc) | [A] | 8.47 | 8.44 | 8.41 | | | |

^{*} NOCT (Nominal Operating Cell Temperature): Irradiance 800 W/m², ambient temperature 20 °C, wind speed 1 m/s

Dimensions (mm / inch)





 $[\]mbox{\ensuremath{^{\ast}}}$ The distance between the center of the mounting/grounding





LG Electronics Inc.

Solar Business Division

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

The Typical change in module efficiency at 200 W/m² in relation to 1000 W/m² is -2.0%.