

**LG NeON™ 2**

**LG370N2W-G4**

**72 cell**

LG New module, NeON™ 2 72cell adopts Cello technology. Cello technology replaces 3 busbars with 12 thin wires to enhance power output and reliability. NeON™ 2 72cell demonstrates LG's efforts to increase customer's values beyond efficiency. It features enhanced warranty, durability and performance in a real environment.



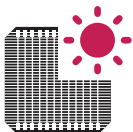
### Enhanced Performance Warranty

LG NeON™ 2 72cell has an enhanced performance warranty. The annual degradation has fallen from 0.7%/yr to 0.6%/yr. Even after 25 years, module guarantees 2.4%p more output than the previous LG NeON™ modules.



### Improved Product Warranty

As well as the enhanced performance warranty, LG has extended the product warranty of the LG NeON™ 2 72cell for an additional 2 years.



### Better Performance on a Sunny Day

LG NeON™ 2 72cell now performs better on a sunny days thanks to its improved temperature coefficient.



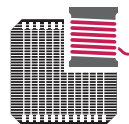
### High Power Output

Compared with previous models, the LG NeON™ 2 72cell has been designed to significantly enhance its output efficiency, hereby making space management more efficient even in limited areas.



### Double-Sided Cell Structure

The rear of the cell used in LG NeON™ 2 72cell will contribute to generation, just like the front; the light beam reflected from the rear of the module is reabsorbed to generate a great amount of additional power.



### BOS (Balance Of System) Saving

LG NeON™ 2 72cell can reduce the total number of strings due to its high module efficiency resulting in a more cost effective and efficient solar power system.

#### About LG Electronics

LG Electronics is a global player who has been committed to expanding its operations with the solar market. The company first embarked on a solar energy source research programs 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 Mono X® series to the market, which is now available in 32 countries. The LG NeON™ (previously known as Mono X® NeON) and the LG NeON™2 won the "Intersolar Award" in 2013 and 2015, which demonstrates LG Solar's lead, innovations and commitment to the industry.

### Mechanical Properties

Cells	6 x 12
Cell Vendor	LG
Cell Type	Monocrystalline / N-type
Cell Dimensions	156.75 x 156.75 mm / 6 inches
# of Busbar	12 (Multi Wire Busbar)
Dimensions (L x W x H)	1960 x 1000 x 46 mm
Front Load	5400 Pa
Rear Load	2400 Pa
Weight	20.3 ± 0.5 kg
Connector Type	MC4
Junction Box	IP67 with 3 Bypass Diodes
Length of Cables	1200 mm x 2 ea
Glass	High Transmission Tempered Glass
Frame	Anodized Aluminum

### Certifications and Warranty

Certifications	IEC 61215, IEC 61730-1/-2 UL1703 IEC 61701 (Salt corrosion test)* IEC 62716 (Ammonia corrosion test)* ISO 9001
Module Fire Performance	Type 2 (UL1703)
Fire Rating (for CANADA)	Class C (ULC/ORD C1703)
Product Warranty	12 years
Output Warranty of Pmax	Linear warranty**

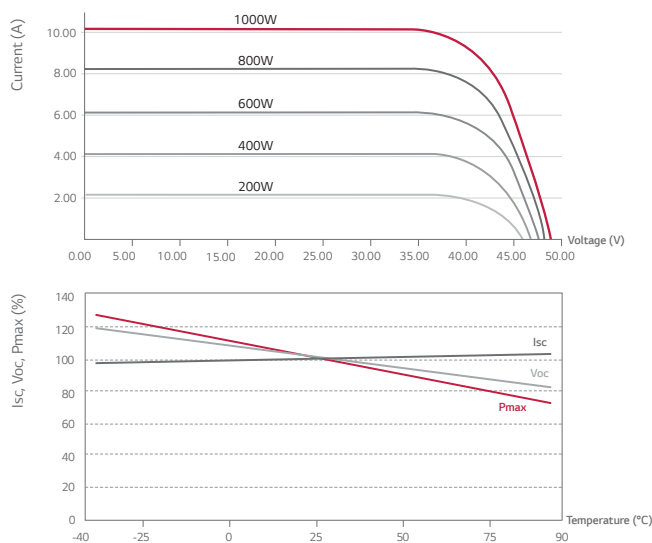
\* in progress

\*\*1) 1st year: 98%, 2) After 2nd year: 0.6%p annual degradation, 3) 83.6% for 25 years

### Temperature Characteristics

NOCT	45 ± 3 °C
Pmpp	-0.38 %/°C
Voc	-0.28 %/°C
Isc	0.03 %/°C

### Characteristic Curves



### Electrical Properties (STC \*)

Module Type	370 W
MPP Voltage (Vmpp)	39.2
MPP Current (Impp)	9.44
Open Circuit Voltage (Voc)	48.0
Short Circuit Current (Isc)	9.98
Module Efficiency (%)	18.9
Operating Temperature (°C)	-40 ~ +90
Maximum System Voltage (V)	1000
Maximum Series Fuse Rating (A)	20
Power Tolerance (%)	0 ~ +3

\* STC (Standard Test Condition): Irradiance 1000 W/m<sup>2</sup>, Module Temperature 25 °C, AM 1.5

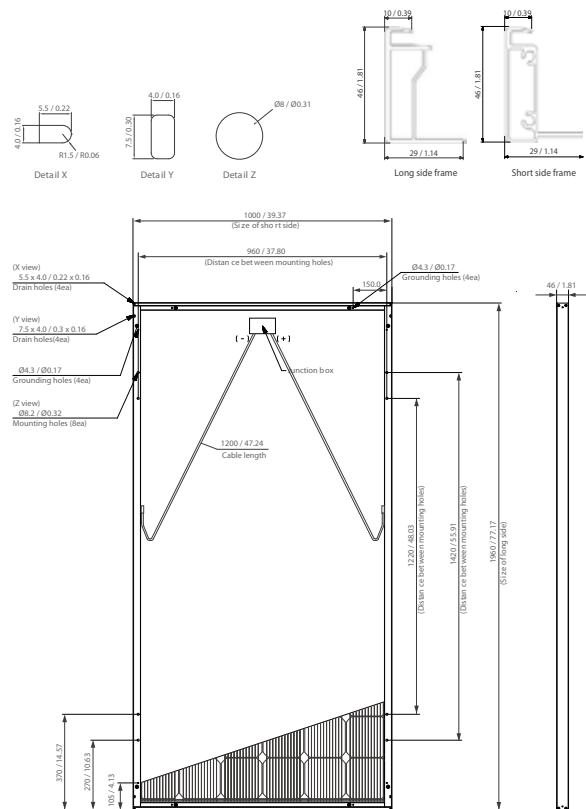
\* The nameplate power output is measured and determined by LG Electronics at its sole and absolute discretion.

### Electrical Properties (NOCT\*)

Module Type	370 W
Maximum Power (Pmax)	273
MPP Voltage (Vmpp)	36.3
MPP Current (Impp)	7.52
Open Circuit Voltage (Voc)	44.7
Short Circuit Current (Isc)	8.03

\* NOCT (Nominal Operating Cell Temperature): Irradiance 800 W/m<sup>2</sup>, ambient temperature 20 °C, wind speed 1 m/s

### Dimensions (mm/in)



\* The distance between the center of the mounting/grounding holes.



North America Solar Business Team  
LG Electronics U.S.A. Inc  
1000 Sylvan Ave, Englewood Cliffs, NJ 07632

Contact: lg.solar@lge.com  
www.lgsolarusa.com

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Innovation for a Better Life

