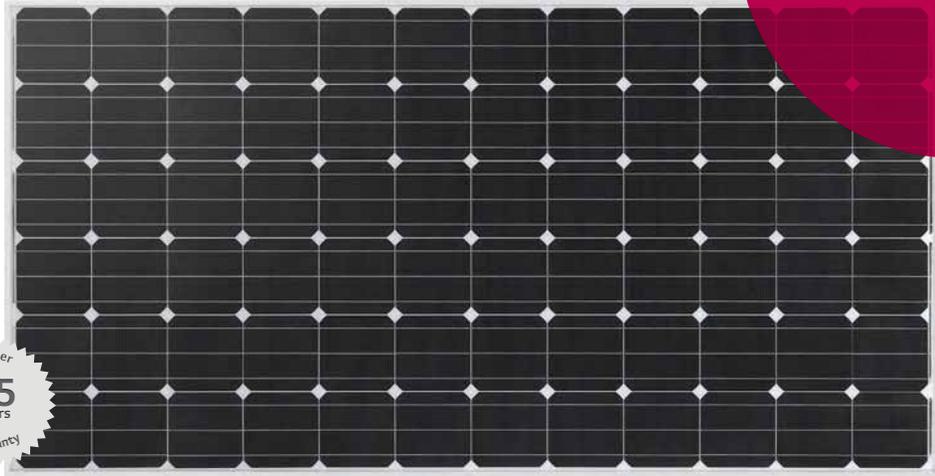




Innovation for a Better Life™



Extended 2 years  
Product  
**12**  
years  
Warranty

power  
**25**  
years  
Warranty

LG Mono X<sup>®</sup> 72cell

LG335S2W-G4

LG340S2W-G4

## 72 cell

LG Mono X<sup>®</sup> Plus is LG Electronics' high-quality monocrystalline module. The quality is the result of our strong commitment to developing a module to improve benefits for customers. Features of Mono X<sup>®</sup> Plus include durability, convenient installation, and aesthetic exterior.



### Enhanced Performance Warranty

LG Mono X<sup>®</sup> 72cell comes with the enhanced performance limited warranty. The initial degradation has been improved from -3% to -2%, and the annual degradation has also changed from -0.7%/yr to -0.6%/yr.



### Reduced LID (LiLY Technology)

LG Mono X<sup>®</sup> 72cell has improved the initial degradation by applying LG's new LiLY (LID-improvement for Lifetime Yield) Technology, which controls formation of Boron-Oxygen pair, the key factor of LID.



### Improved Product Warranty

In addition to the enhanced performance limited warranty, LG has extended the limited product warranty of LG Mono X<sup>®</sup> 72cell for additional 2 years with its newly reinforced frame design.



### Light and Convenient

LG Mono X<sup>®</sup> 72cell is carefully designed to benefit installers by allowing quick installation with a weight of just 44.75 lb. and better grips.



### Convenient Installation

LG modules are carefully designed to benefit installers by allowing quick and easy installations throughout the carrying, grounding, and connecting stages of modules.

#### About LG Electronics

LG Electronics is a global player who has been committed to expanding its capacity, based on solar energy business as its future growth engine. We embarked on a solar energy source research program in 1985, supported by LG Group's rich experience in semi-conductor, LCD, chemistry, and materials industry. We successfully released first Mono X<sup>®</sup> series to the market in 2010, which were exported to 32 countries in the following 2 years, thereafter. In 2013, NeON™ (previously known as Mono X<sup>®</sup> NeON) & 2015 NeON2 with CELLO technology won "Intersolar Award", which proved LG is the leader of innovation in the industry.

## Mechanical Properties

Cells	6 x 12
Cell Vendor	LG
Cell Type	Monocrystalline / P-type
Cell Dimensions	156.75 x 156.75 mm / 6 inches
# of Busbar	3
Dimensions (L x W x H)	1960 x 1000 x 46 mm 77.17 x 39.37 x 1.81 inch
Front Load	60 psf
Rear Load	60 psf
Weight	20.3 ± 0.5 kg / 44.75 ± 1.1 lbs
Connector Type	MC4
Junction Box	IP67 with 3 Bypass Diodes
Length of Cables	1200mm x 2 ea / 47.24 x 2 ea
Glass	High Transmission Tempered Glass
Frame	Anodized Aluminum

## Certifications and Warranty

Certifications	UL 1703 ISO 9001 IEC 62716 (Ammonia Corrosion Test)* IEC 61701 (Salt Mist Corrosion Test)*
Module Fire Performance (USA)	Type 2 (UL1703)
Fire Rating (for CANADA)	Class C (ULC/ORD C1703)
Product Warranty	12 years
Output Warranty of Pmax	Linear warranty**

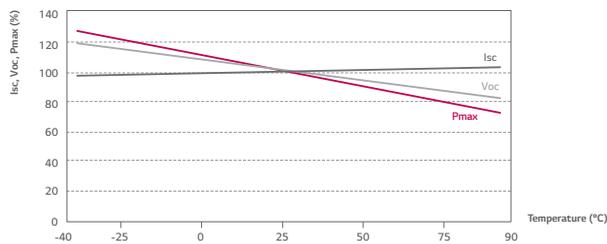
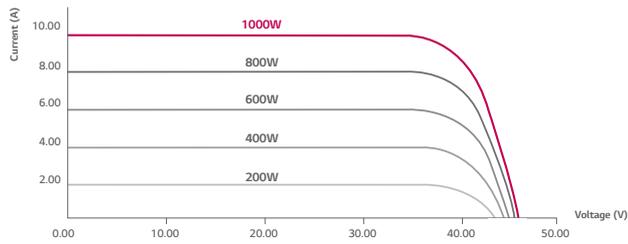
\* in progress

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

## Temperature Characteristics

NOCT	46 ± 3 °C
Pmax	-0.42 %/°C
Voc	-0.30 %/°C
Isc	0.03 %/°C

## Characteristic Curves



## Electrical Properties (STC \*)

Module Type	335 W	340 W
MPP Voltage (Vmpp)	37.5	37.7
MPP Current (Impp)	8.94	9.02
Open Circuit Voltage (Voc)	46.2	46.4
Short Circuit Current (Isc)	9.48	9.54
Module Efficiency (%)	17.1	17.4
Operating Temperature (°C)	-40 ~ +90	-40 ~ +90
Maximum System Voltage (V)	1000	1000
Maximum Series Fuse Rating (A)	20A	20A
Power Tolerance (%)	0 ~ +3	0 ~ +3

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

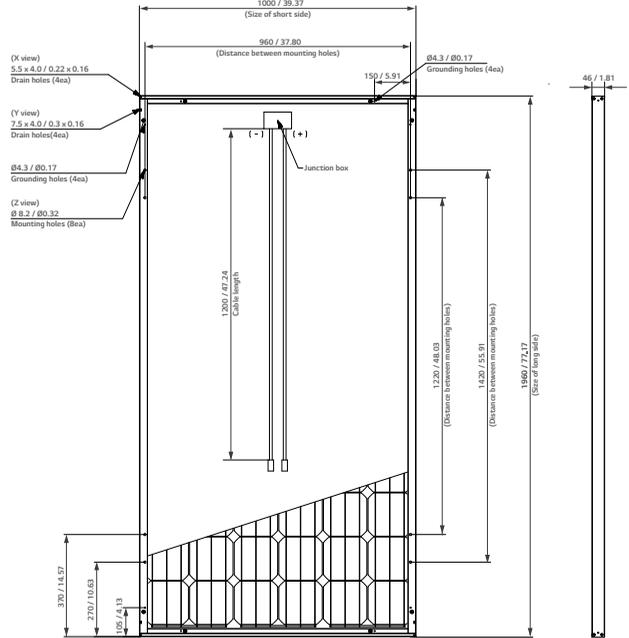
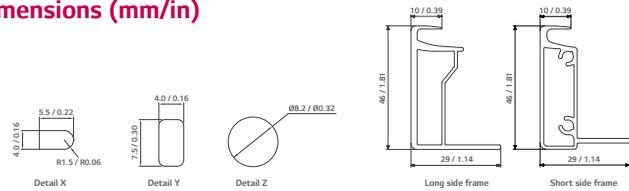
\* The nameplate power output is measured and determined by LG Electronics at its sole and absolute discretion.

## Electrical Properties (NOCT\*)

Module Type	335 W	340 W
Maximum Power (Pmax)	248	251
MPP Voltage (Vmpp)	34.4	34.6
MPP Current (Impp)	7.20	7.26
Open Circuit Voltage (Voc)	43.1	43.3
Short Circuit Current (Isc)	7.63	7.68

\* 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.



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www.lgsolarusa.com

Product specifications are subject to change without notice.  
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01/01/16

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