

**LG Mono X<sup>®</sup> 72cell**

LG335S2W-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**

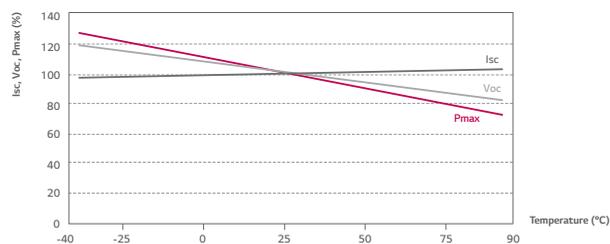
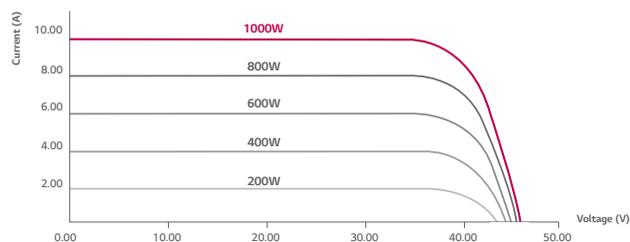
\* in progress

\*\* 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
MPP Voltage (Vmpp)	37.5
MPP Current (Impp)	8.94
Open Circuit Voltage (Voc)	46.2
Short Circuit Current (Isc)	9.48
Module Efficiency (%)	17.1
Operating Temperature (°C)	-40 ~ +90
Maximum System Voltage (V)	1000
Maximum Series Fuse Rating (A)	20A
Power Tolerance (%)	0 ~ +3

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

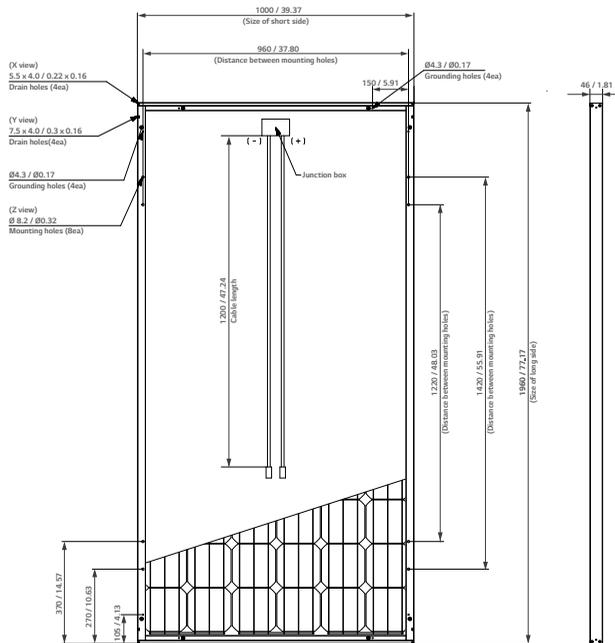
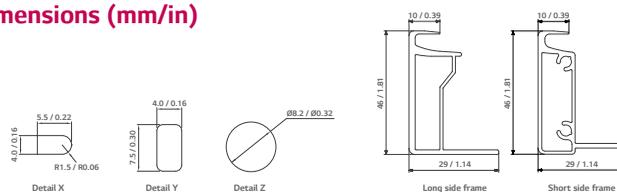
\* The nameplate power output is measured and determined by LG Electronics at its sole and absolute discretion.

### Electrical Properties (NOCT\*)

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

\* 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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Product specifications are subject to change without notice.  
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Innovation for a Better Life

