



Key Features



N-Type Material

Mono X^{TM} NeON uses n-type cells, boasting higher mobility of electric charge, resulting in generation of high efficiency.



Enhanced Performance Warranty

Mono X[™] NeON has an enhanced performance warranty. The annual degradation has fallen from -0.7%/yr to -0.6%/yr. Even after 25 years, the cell guarantees 2.4%p more output than the previous NeON[™] modules.



Better Performance on a Sunny Day

Mono X^{TM} NeON now performs better on a sunny days thanks to its improved temperature coefficient.



High Power Output

Compared with previous models, the Mono X[™] NeON has been designed to significantly enhance its output efficiency making it efficient even in limited space.



Double-Sided Cell Structure

The rear of the cell used in Mono X[™] NeON is designed to contribute to generation of additional power; the light beam reflected from the rear of the module is reabsorbed to generate a great amount of additional power.



Near Zero LID(Light Induced Degradation)

The n-type cells used in Mono X[™] NeON have almost no boron, which may cause the initial efficiency to drop, leading to less LID.

About LG Electronics





LG Mono X® NeON 72 Cell

LG365N2W-B3/LG360N2W-B3

Mechanical Properties

Cells	6 x 12	
Cell vendor	LG	
Cell type	Monocrystalline / N -type	
Cell dimensions	156.75 x 156.75 mm / 6 x 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	MC 4 Compatible	
Junction box	IP67 with 3 bypass diodes	
Length of cables	2 x 1200mm / 2 x 47.24inch	
Glass	High transmission tempered glass	
Frame	Anodized aluminum	

Certifications and Warranty

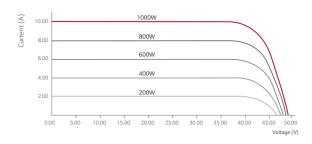
Certifications	UL 1703,		
	ISO 9001, IEC 62716 (Ammonia Test)		
	IEC 61701 (Salt mist corrosion test)		
Module Fire Performance (USA)	Type 2 (UL1703)		
Fire Rating (for CANADA)	Class C (ULC/ORD C1703)		
Product warranty	12 years		
Output warranty of Pmax	Linear warranty*		

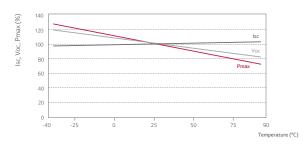
 $^{^{\}ast}$ 1) 1st year: 98%, 2) After 2nd year: 0.6%p annual degradation, 3) 83.6% for 25 years

Temperature Coefficients

NOCT	46 ± 3 ℃	
Temperature Coefficient of Pmax	-0.39 %/°C	
Temperature Coefficient of Voc	-0.28 %/°C	
Temperature Coefficient of Isc	0.03 %/°C	

Characteristic Curves





Electrical Properties (STC*)

Module Type	365W	360W	
MPP voltage (Vmpp)	38.6	38.4	
MPP current (Impp)	9.46	9.39	
Open circuit voltage (Voc)	48.4	48.3	
Short circuit current (Isc)	9.89	9.84	
Module efficiency (%)	18.6	18.4	
Operating temperature (°C)	-40 ~ +90		
Maximum system voltage (V)	1000		
Maximum series fuse rating (A)	20		
Power tolerance (%)	0 ~ +3		

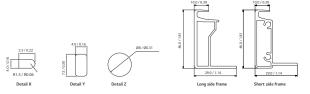
^{*} STC (Standard Test Condition): Irradiance 1000 W/m², modu le temperature 25 °C, AM 1.5

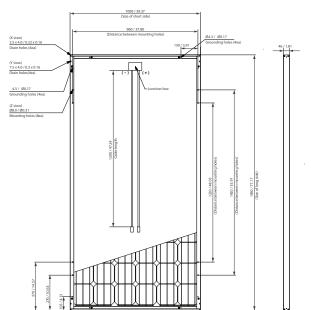
■ Electrical Properties (NOCT*)

Module Type	365W	360W	
Maximum power (Pmax)	267	263	
MPP voltage (Vmpp)	35.3	35.2	
MPP current (Impp)	7.55	7.49	
Open circuit voltage (Voc)	44.9	44.8	
Short circuit current (Isc)	7.98	7.93	

^{*} NOCT (Nominal Operating Cell Temperature): Irradiance 800 W/m², 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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 $^{^{*}}$ The nameplate power output is measured and determined by LG Electronics at its sole and absolute discretion.

 $^{^{\}ast}$ The typical change in module efficiency at 200 W/m² in relation to 1000 W/m² is -2.0%