

LG Mono X Plus 72Cell

Mechanical Properties

Cells	6 x 12
Cell Vendor	LG
Cell Type	Monocrystalline / P-type
Cell Dimensions	161.7 x 161.7 mm / 6 inches
# of Busbar	4
Dimensions (L x W x H)	2,024 x 1,024 x 40 mm
Front Load	5,400 Pa
Rear Load	2,400 Pa
Weight	21.7 kg
Connector Type	MC4, JM601A
Junction Box	IP68 with 3 Bypass Diodes
Cables	1,200 mm x 2 ea
Glass	High Transmission Tempered Glass
Frame	Anodized Aluminium

Electrical Properties (STC*)

Model	LG360S2W-A5	LG355S2W-A5	LG350S2W-A5
Maximum Power (Pmax) [W]	360	355	350
MPP Voltage (Vmpp) [V]	37.7	37.4	37.1
MPP Current (Impp) [A]	9.56	9.50	9.44
Open Circuit Voltage (Voc) [V]	46.6	46.4	46.3
Short Circuit Current (Isc) [A]	10.12	10.07	10.02
Module Efficiency [%]	17.4	17.1	16.9
Operating Temperature [°C]	-40 ~ +90		
Maximum System Voltage [V]	1,000(IEC)/1,500(UL)		
Maximum Series Fuse Rating [A]	20		
Power Tolerance [%]	0 ~ +3		

* STC (Standard Test Condition): Irradiance 1000W/m², module temperature 25°C, AM 1.5

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

Certifications and Warranty

Certifications	IEC 61215, IEC 61730-1/-2
	UL 1703
	IEC 61701 (Salt mist corrosion test)*
	IEC 62716 (Ammonia corrosion test)
	ISO 9001
Module Fire Performance	Type 1
Fire Rating	Class C
Product Warranty	12 Years
Output Warranty of Pmax	Linear Warranty**

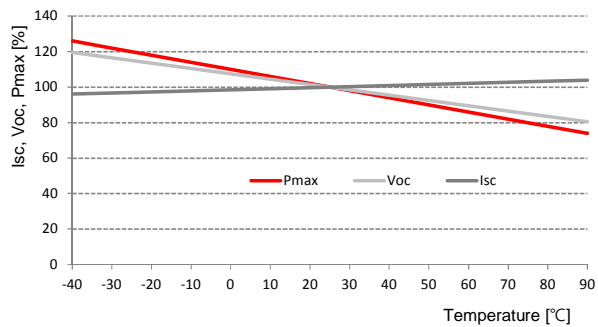
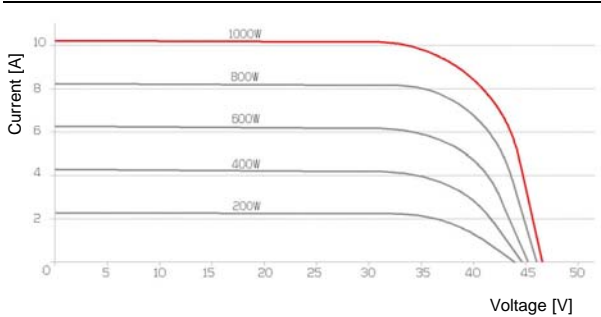
* In progress

** 1) 1st year : 98%, 2) After 2nd year : 0.55% annual degradation, 3) 84.8% for 25 years

Temperature Characteristics

NOCT [°C]	45 ± 3
Pmax [%/°C]	-0.41
Voc [%/°C]	-0.30
Isc [%/°C]	0.03

Characteristic Curves



Electrical Properties (NOCT*)

Model	LG360S2W-A5	LG355S2W-A5	LG350S2W-A5
Maximum Power (Pmax) [W]	264	260	257
MPP Voltage (Vmpp) [V]	34.6	34.3	34.0
MPP Current (Impp) [A]	7.63	7.58	7.54
Open Circuit Voltage (Voc) [V]	43.2	43.0	42.9
Short Circuit Current (Isc) [A]	8.14	8.10	8.06

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

Dimensions (mm/in)

