



Mechanical Properties

Cells	6 x 10
Cell Type	Multicrystalline
# of Busbar	3
Dimension (L x W x H)	1640(L) x 1000(W) x 35(D) mm
Front Load	2400 Pa
Rear Load	2400 Pa
Weight	16.8 ± 0.5 kg
Connector Type	MC4 compatible Connector, IP67
Junction Box	IP67 with 3 Bypass Diodes
Length of Cables	2 x 1000 mm

Electrical Properties (STC*)

Module Type	LG255P1W-M3	LG260P1W-M3
Maximum power at STC (Pmax)	255	260
MPP Voltage (Vmpp)	30.7	30.9
MPP Current (Impp)	8.33	8.44
Open Circuit Current (Voc)	37.6	37.8
Short Circuit Current (Isc)	8.92	9.04
Module Efficiency (%)	15.6	15.9
Operating Temperature (°C)	-40 ~ +90	
Maximum System Voltage(V)	1000	
Maximum Series Fuse Rating (A)	15	
Power Tolerance (%)	0 ~ +3	

* STC (Standard Test Condition): Irradiance 1000 W/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

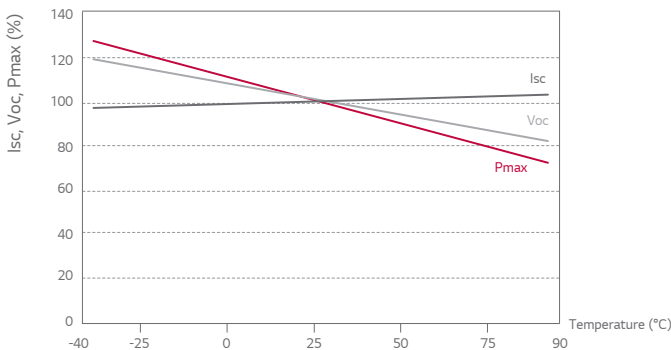
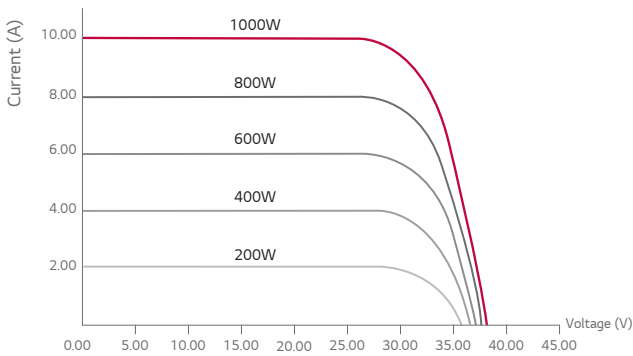
Certifications	IEC 61215 (In progress)
	IEC 61730-1/-2 (In progress)
	ISO 9001
Product Warranty	10 years
Output Warranty of Pmax	Step Warranty *

* 0~12th years 90%, 13th~25th years 80%

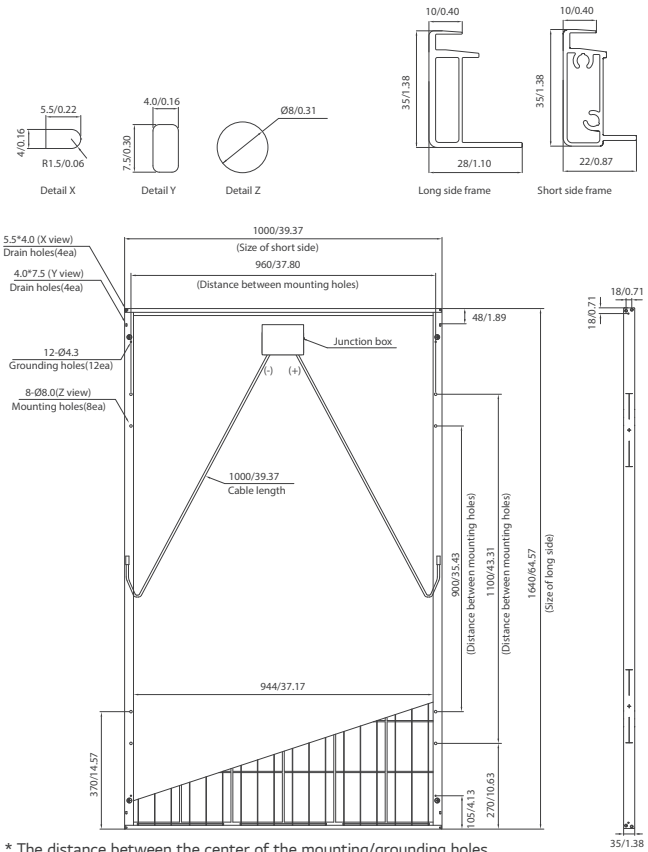
Temperature Characteristics

Temperature Coefficient of Pmax	-0.43 %/°C
Temperature Coefficient of Voc	-0.31 %/°C
Temperature Coefficient of Isc	0.04 %/°C
NOCT	45.0 ± 3 °C

Characteristic Curves



Dimensions (mm / in)



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

