

GENERAL DATA

Cell Properties (Material/Type)	Monocrystalline/N-type
Cell Maker	LG
Cell Configuration	60 Cells (6 x 10)
Number of Busbars	12EA
Module Dimensions (L x W x H)	1,686mm x 1,016mm x 40mm
Weight	17.1kg
Glass (Material)	Tempered Glass with AR Coating
Backsheet (Color)	White
Frame (Material)	Anodized Aluminium
Junction Box (Protection Degree)	IP 68 with 3 Bypass Diodes
Cables (Length)	1,000mm x 2EA
Connector (Type/Maker)	MC 4/MC

CERTIFICATIONS AND WARRANTY

Certifications	IEC 61215-1/-1-1/2:2016, IEC 61730-1/2:2016, UL 1703, ISO 9001, ISO 14001, ISO 50001, OHSAS 18001
Salt Mist Corrosion Test	IEC 61701:2012 Severity 6
Ammonia Corrosion Test	IEC 62716:2013
Module Fire Performance	Type 1 (UL 1703)

Fire Rating	Class C (UL 790, ULC/ORD C 1703)
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Solar Module Product Warranty	25 Years
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Solar Module Output Warranty	Linear Warranty*
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*	Improved: 1st year 98%, from 2-24th year: 0.33%/year down, after 25th year: 90.08%
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TEMPERATURE CHARACTERISTICS

NMOT* [°C]	42 ± 3
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Pmax [%/°C]	-0.36
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Voc [%/°C]	-0.26
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Isc [%/°C]	0.03
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*	NMOT (Nominal Module Operating Temperature): Irradiance 800 W/m ² , Ambient temperature 20 °C, Wind speed 1 m/s, Spectrum AM 1.5.
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ELECTRICAL PROPERTIES (NMOT)

Maximum Power (Pmax) [W]	261
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MPP Voltage (Vmpp) [V]	33.0
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MPP Current (Impp) [A]	7.91
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Open Circuit Voltage (Voc) [V]	38.8
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Short Circuit Current (Isc) [A]	8.53
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ELECTRICAL PROPERTIES (STC*)

Maximum Power (Pmax) [W]	350
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MPP Voltage (Vmpp) [V]	35.3
MPP Current (Impp) [A]	9.92
Open Circuit Voltage (Voc± 5%) [V]	41.3
Short Circuit Current (Isc± 5%) [A]	10.61
Module Efficiency [%]	20.4
Bifaciality Coefficient of Power [%]	10
Power Tolerance [%]	0 ~ +3

* STC (Standard Test Condition): Irradiance 1000 W/m², cell temperature 25 °C, AM 1.5, Measure Tolerance of Pmax: +/- 3%.

OPERATING CONDITIONS

Operating Temperature [°C]	-40 ~+90
Maximum System Voltage [V]	1,000
Maximum Series Fuse Rating [A]	20
Mechanical Test Load (Front) [Pa/psf]	5,400/113
Mechanical Test Load (Rear) [Pa/psf]	4,000/84

* Mechanical Test Load 5,400Pa/4,000Pa based on IEC 61215-2 : 2016, Test Load = Design Load x Safety Factor (1.5)

PACKAGING CONFIGURATION

Number of Modules per Pallet [EA]	20
Number of Modules per 40ft HQ Container [EA]	650

Packaging Box Dimensions (L x W x H) [mm] 1,750 x 1,120 x 1,221

Packaging Box Gross Weight [kg] 464
