

Mechanical Properties

Cells	6 x 10
Cell Vendor	LG
Cell Type	Monocrystalline / N-type
Cell Dimensions	161.7 x 161.7 mm
Cell Colour	Black/Blue (Similar to Pantone PMS 5004)
# of Busbar	30 (Multi Ribbon Busbar)
Dimensions (L x W x H)	1700 x 1016 x 40 mm
Front Load (test)	5400 Pa
Rear Load (test)	4000 Pa
Weight	17.5 kg
Connector Type	Genuine MC4, IP68 (Male: PV-KST4) (Female: PV-KBT4)
Junction Box	IP68 with 3 bypass diodes
Length of Cables	2 x 1000 mm
Front cover	High transmission tempered glass
Frame	Anodised aluminum with protective black coating

Certifications and Warranty

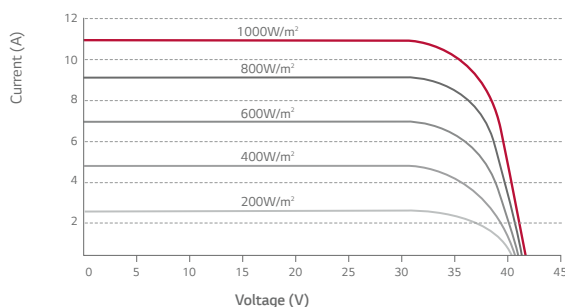
Certifications	ISO 9001, ISO 14001, ISO 50001 IEC 61215-1/-1-1/2:2016, IEC 61730-1/2:2016, UL1703 OHSAS 18001 IEC 61701:2012 Severity 6 (Salt Mist Corrosion Test) IEC 62716:2013 (Ammonia Test)
Module Fire Performance	Type 1 (UL 1703), Class C (UL 790, ULC/ORD C 1703)
Product Warranty	25 Years
Output Warranty of P _{max} (Measurement Tolerance $\pm 3\%$)	Linear Warranty ¹

¹ a) After first year: 98%, b) After second year: 0.3% annual degradation, c) 25 years: 90.8%

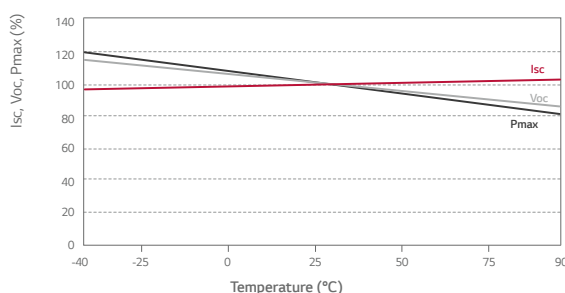
Temperature Characteristics

NMOT ³	44 $\pm$ 3 °C
P _{max}	-0.30 %/°C
V _{oc}	-0.24 %/°C
I _{sc}	0.037 %/°C

Current – Voltage characteristics at various irradiance levels



Current – Voltage characteristics at various cell temperatures



Electrical Properties (STC²)

Module Type	330 W
Maximum Power P _{max} (W)	330
MPP Voltage V _{mpp} (V)	35.2
MPP Current I _{mpp} (A)	9.38
Open Circuit Voltage V _{oc} (V)	42.5
Short Circuit Current I _{sc} (A)	10.73
Module Efficiency (%)	19.1
Operating Temperature (°C)	-40 ~ +90
Maximum System Voltage (V)	1000
Maximum Series Fuse Rating (A)	20
Power Tolerance (%)	0 ~ +3

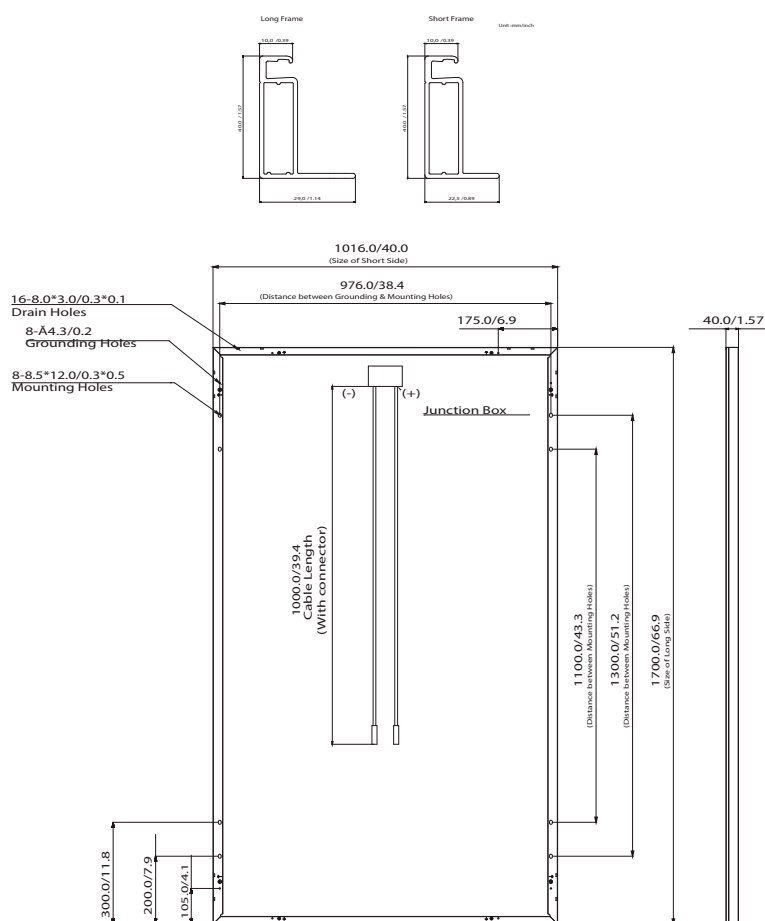
² STC (Standard Test Condition): Irradiance 1000 W/m², Module Temperature 25 °C, AM 1.5.
The nameplate power output is measured and determined by LG Electronics at its sole and absolute discretion.

Electrical Properties (NMOT³)

Module Type	330 W
Maximum Power P _{max} (W)	248.4
MPP Voltage V _{mpp} (V)	35.1
MPP Current I _{mpp} (A)	7.08
Open Circuit Voltage V _{oc} (V)	40.0
Short Circuit Current I _{sc} (A)	8.65

³ NMOT (Nominal Module Operating Temperature): Irradiance 800 W/m², ambient temperature 20 °C, wind speed 1 m/s, Spectrum AM 1.5.

Dimensions (mm)



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Product specifications are subject
to change without prior notice.
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