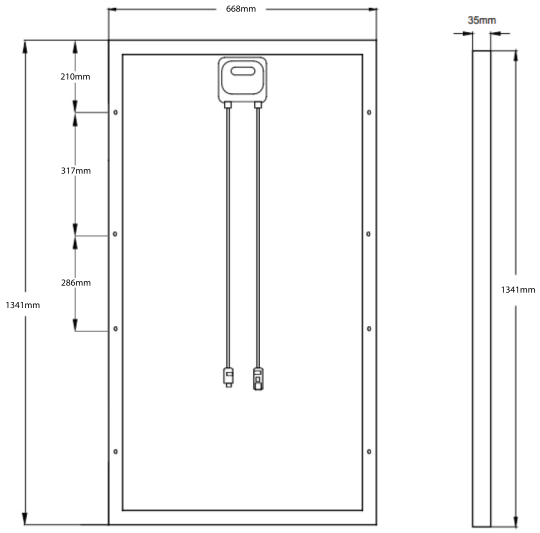
200 Watt
SOLAR MODULE

Electrical Parameters at STC

Peak Power	Pmax (W)	200
Maximum Power Voltage	Vmp (V)	20.8
Maximum Power Current	Imp (A)	9.55
Open-circuit voltage	Voc (V)	24.4
Short-circuit current	Isc (A)	10.03
Module Efficiency	η(%)	20.16

Values at standard test conditions STC (Air mass AM 1.5, Irradiance 1000W/sqm, Cell temperature 25°C)
Power Measurement Tolerance: 0 / +3%

Mechanical Drawing



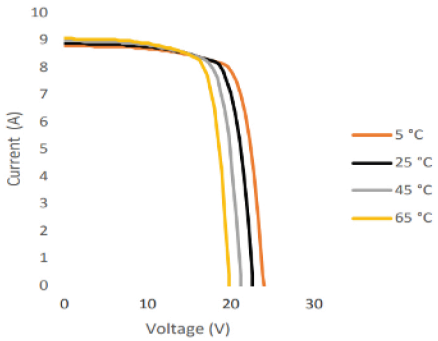
Mechanical Data

Solar Cell (Type / Dimension)	Mono-crystalline solar cells / 210mm half cut
Cell (Quantity / Orientation)	36 cells / 4 x 9
Module Dimension (L x W x H)	1341 x 668 x 35 mm
Weight	13 kg
Frame (material)	Black Anodized Aluminum
Front glass (material/ thickness)	High transmission low-iron tempered glass / 3.2mm
Backsheet (material)	Fluoropolymer coating / PET / polyolefin
Mechanical Load	Wind/Snow 2400/5400 Pa, Hail 23m/s, 7.53g
Junction Box (protection degree)	≥IP 65
Output Cables (Length/cross-sectonal area)	1000 mm length, 10 AWG PV cable, UV protected
Connector (type / protection degree)	MC4 / IP68 rated

Temperature Coefficients

Nominal Operating Cell Temp. (NOCT)	45 +/- 2 °C
Voltage Temperature Coefficient (VOC)	-0.35% / °C
Current Temperature Coefficient (Isc)	0.06% / °C
Power Temperature Coefficient (Pmax)	-0.4% / °C

I-V Curve



Maximum Ratings

Operational Temperature	-40°C to +85°C
Maximum System Voltage	600VDC
Max Series Fuse Rating	15A

Warranty & Certifications

Certification	Tested to UL 1703
Fire Rating	Type 2
Warranty	25 years Power Output Warranty 10 years 90%, 25 years 85% 10 years Product Warranty on Material

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