

LEXRON

FOR A LIVEABLE WORLD



FULL CELL
72 CELL

POLYCRYSTALLINE MODULE

335–350W

POWER OUTPUT RANGE

22.60%

MAXIMUM EFFICIENCY

0~+5W

BINNING TOLERANCE

5BB

MULTI BUSBAR

POLY CELL TECHNOLOGY

SYSTEM CERTIFICATES

IEC61215/IEC61730/IEC61701/IEC62716
ISO 9001: Quality Management System
ISO 14001: Environmental Management
ISO 45001: Occupational Health and Safety

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HIGH POWER MODULE

High module conversion efficiency (up to 22.6%), through superior manufacturing technology



POSITIVE TOLERANCE

Guaranteed 0~ +5W positive power output tolerance ensures high reliability



SELF CLEANING

Anti-reflective, hydrophobic coating improves light absorption and reduces surface dust



STRONG AIR RESISTANCE

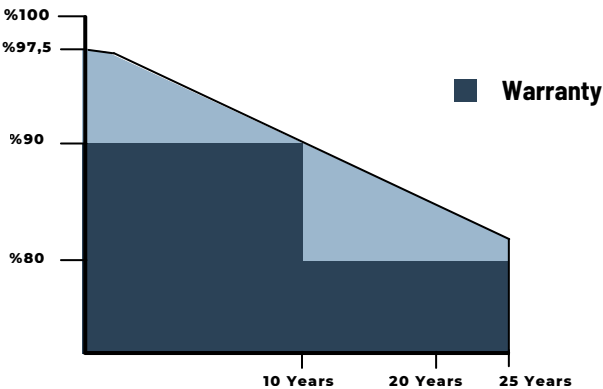
Entire module certified to withstand high wind loads (2400 Pascal) and snow loads (5400 Pascal)*



HIGH PERFORMANCE

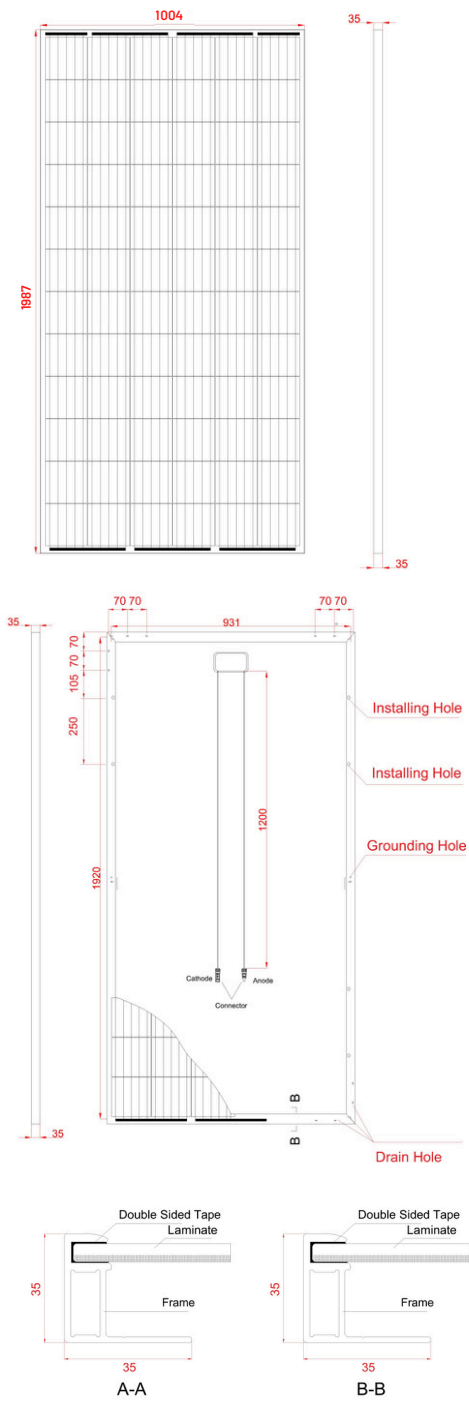
Excellent performance under low light environments (mornings, evenings and cloudy days)

Industry-leading warranty

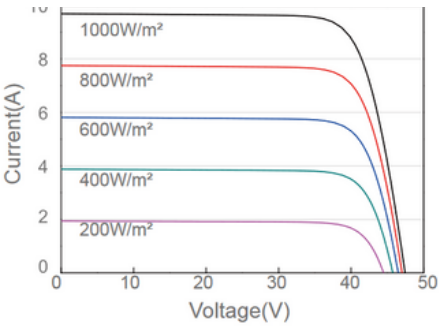


72 CELL POLYCRYSTAL DATASHEET

DIMENSIONS OF PV MODULE(mm)



I-V CURVES OF PV MODULE(340W)



ELECTRICAL DATA (STC)

Nominal Maximum	335W	340W	345W	350W
Open CIRCUIT Voltage (Voc)	45,70V	46,90V	46,13V	46,34V
Max Power Voltage (Vmp)	38,08V	38,25V	38,44V	38,62V
Short Circuit Current(Isc)	9,28A	9,38A	9,47A	9,56A
Max Power Current (Imp)	8,80A	8,89A	8,98A	9,06A
Module Efficiency	%16,84	%17,09	%17,35	%17,60
Operating Temperature	-40°C~+85°C			
Maximum System Voltage	1000V (IEC)			
Maximum Series Fuse Rating	15A			
Application Classification	Class A			
Power Tolerance	0 ~ + 5W			

STC: Irradiance 1000W/m2, Cell Temperature 25°C, Air Mass AM1.5.
*Measuring tolerance: ±3%.

MECHANICAL DATA

Cell Type	Poly-crystalline 157x157mm, 5BB
Cell Arrangement	72 (6X12)
Dimensions	1987x 1004 x 35 (mm)
Weight	23 (kg)
Front Cover	3.2mm Tempered Glass
Frame Material	Anodized Aluminum Alloy
J-BOX	IP67 / IP68 (6 Diodes)
Cable	Photovoltaic Technology Cable 4.0mm2 / 1200mm
Connectors	MC4 or MC4 Comparable
Standard Packaging (Modules per Pallet)	31pcs
Module Pieces per container (40' / 20')	696pcs / 270pcs

TEMPERATURE CHARACTERISTICS

Nominal Operating Cell Temperature (NOCT)	45±2°C
Temperature Coefficient of Pmax	-0.350%/°C
Temperature Coefficient of Voc	-0.280%/°C
Temperature Coefficient of Isc	0.048%/°C

WARRANTY

- 10 year Product Workmanship Warranty
- 25 year Power Warranty
- 2% first year degradation
- 0.45% Annual Power Attenuation

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