

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

LEXRON

FOR A LIVEABLE WORLD



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

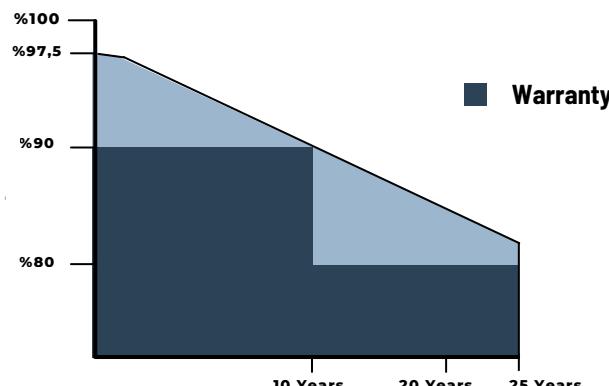
Entire module certified to withstand high wind loads (2400 Pascal) and snow loads (5400 Pascal)*



HIGH PERFORMANCE

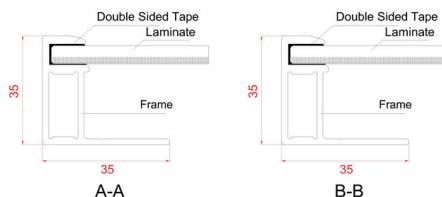
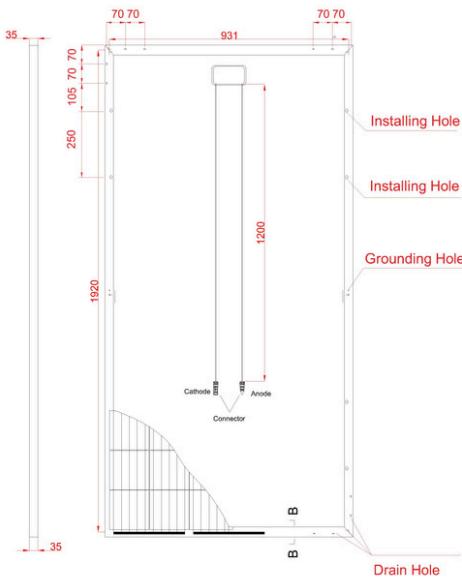
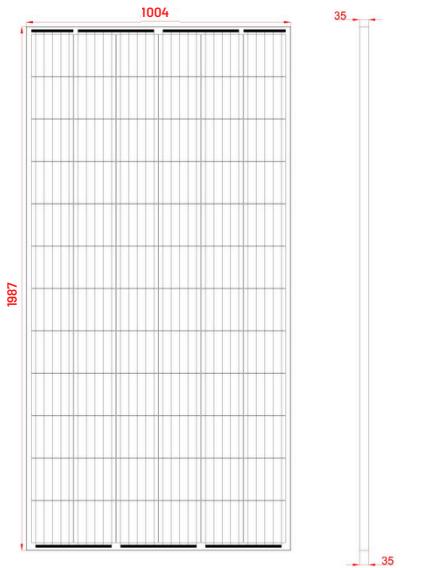
Excellent performance under low light environments (mornings, evenings and cloudy days)

Industry-leading warranty

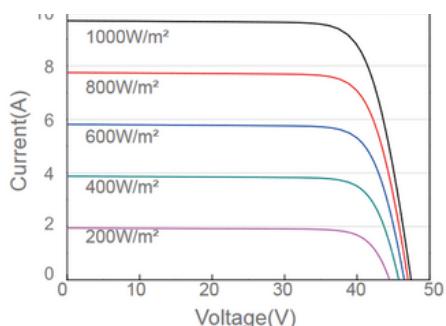


72 CELL POLYCRYSTAL DATASHEET

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 4.0mm ² / 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

The specification and key features described in this datasheet may deviate slightly and are not guaranteed. Due to ongoing innovation, R&D enhancement, Lexron Brand reserves the right to make any adjustment to the information described herein at any time without notice. Please always obtain the most recent version of the datasheet which shall be duly incorporated into the binding contract made by the parties governing all transactions related to the purchase and sale of the products described herein.

