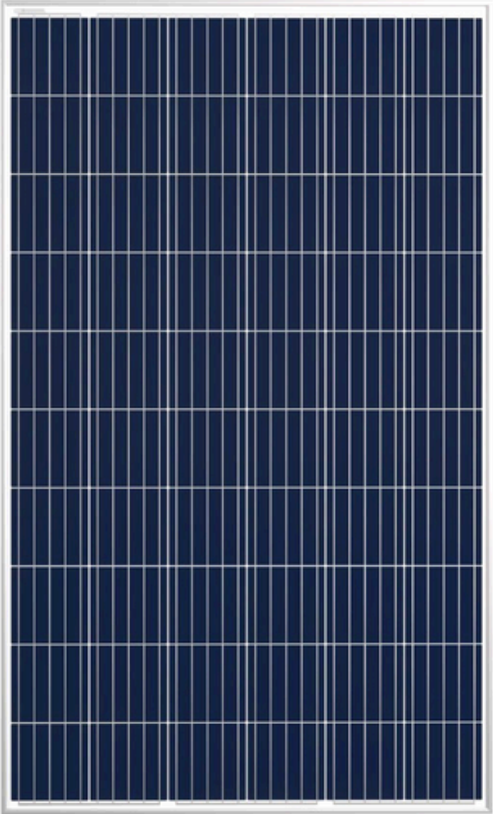


LEXRON

FOR A LIVEABLE WORLD



FULL CELL

60 CELL

POLYCRYSTALLINE MODULE

270–295W

POWER OUTPUT RANGE

17,7%

MAXIMUM EFFICIENCY

0~+5W

BINNING TOLERANCE

5BB

MULTI CRYSTALLINE CELL TECHNOLOGY



HIGH POWER MODULE

High module conversion efficiency, 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)

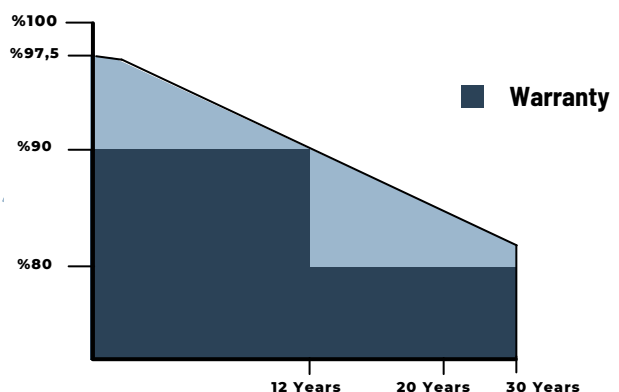
SYSTEM CERTIFICATES

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

LEXRON

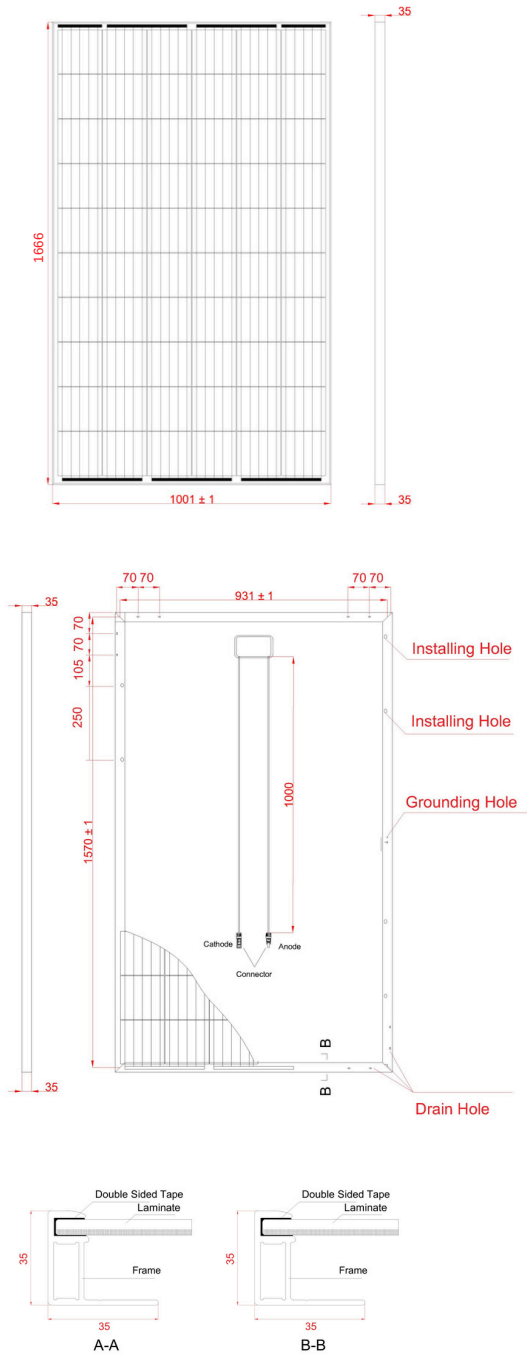
FOR A LIVEABLE WORLD

Industry-leading warranty

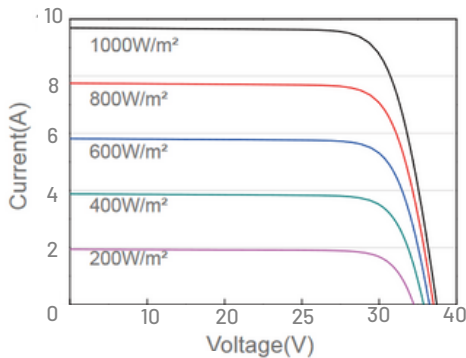


60 CELL POLYCRYSTAL DATASHEET

DIMENSIONS OF PV MODULE(mm)



I-V CURVES OF PV MODULE



ELECTRICAL DATA (STC)

Nominal Maximum	270W	275W	280W	285W	290W	295W
Open Circuit Voltage (Voc)	37,91V	38,05V	38,24V	38,45V	38,68V	38,89V
Max Power Voltage (Vmp)	31,59V	31,71V	31,87V	32,04V	32,23V	32,41V
Short Circuit Current (Isc)	9,02A	9,15A	9,27A	9,38A	9,49A	9,60A
Max Power Current (Imp)	8,55A	8,67A	8,79A	8,90A	9,00A	9,10A
Module Efficiency	%16,19	%16,49	%16,79	%17,09	%17,39	%17,69
Operating Temperature	-40°C~+85°C					
Maximum System Voltage	1000V DC (IEC)					
Maximum Series Fuse Rating	15A					
Application Classification	Class A					
Power Tolerance	0 ~ + 5W					

STC: Irradiance 1000W/m², Cell Temperature 25°C, AM=1.5
Measuring tolerance: ±3%

MECHANICAL DATA

Cell Type	Polycrystalline 157x157mm, 5BB
Cell Arrangement	60 (6X10)
Dimensions	1666 x 1001 x 35 (mm)
Weight	19 (kg)
Front Cover	3.2mm, AR Coated Heat Strengthened Glass
Frame Material	Anodized Aluminum Alloy
J-BOX	IP67 / IP68
Cable	Photovoltaic Technology Cable 4.0mm ² / 1000mm
Connectors	MC4 or MC4 Comparable
Standard Packaging (Modules per Pallet)	32pcs
Module Pieces per container (40' / 20')	896pcs / 384pcs

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

- 12 Year Product Workmanship Warranty
- 30 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.

