

LEXRON

FOR A LIVEABLE WORLD



HALF CUT

120 CELL

MONOCRYSTALLINE MODULE

375–400W

POWER OUTPUT RANGE

21.1%

MAXIMUM EFFICIENCY

0~+5W

BINNING TOLERANCE

9BB

MULTI BUSBAR

PERC CELL TECHNOLOGY



HIGH POWER MODULE

High module conversion efficiency (up to 20.6%), 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)

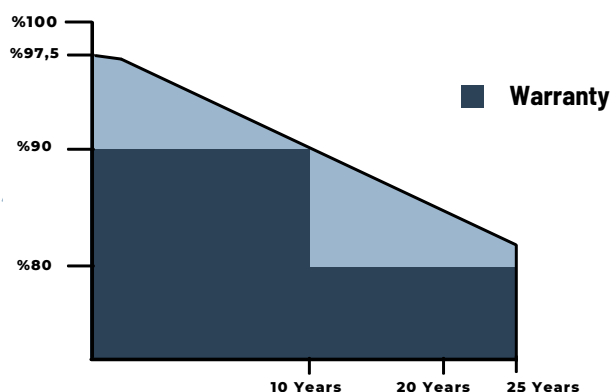
SYSTEM CERTIFICATES

IEC61215/IEC61730/IEC61701/IEC62716
ISO 9001: Quality Management System
ISO 14001: Environmental Management
ISO45001: Occupational Health and Safety

LEXRON

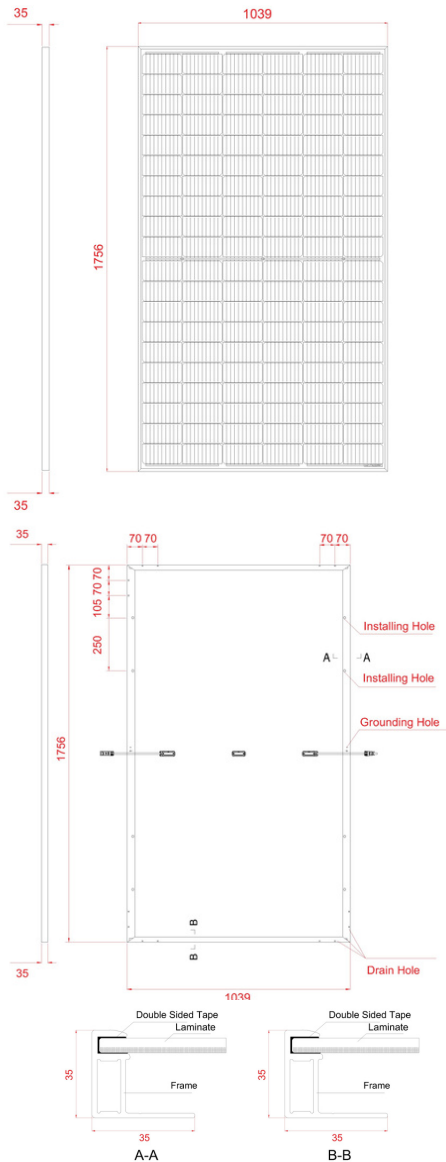
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Industry-leading warranty

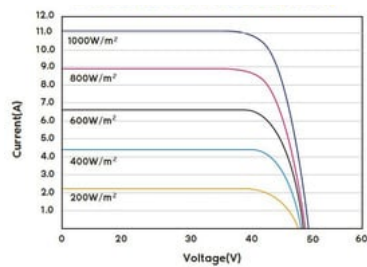


120 CELL HALFCUT MONOCRYSTAL DATASHEET

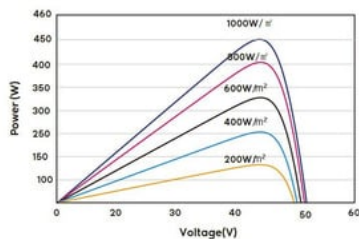
DIMENSIONS OF PV MODULE(mm)



I-V CURVES OF PV MODULE(375W)



P-V CURVES OF PV MODULE(375W)



ELECTRICAL DATA (STC)

	375W	380W	385W	390W	395W	400W
Nominal Maximum	375W	380W	385W	390W	395W	400W
Open CIRCUIT Voltage (Voc)	41,70V	41,94V	42,18V	42,54V	42,78V	43,02V
Max Power Voltage (Vmp)	34,75V	34,95V	35,15V	35,45V	35,65V	35,85V
Short Circuit Current(Isc)	11,38A	11,47A	11,55A	11,60A	11,69A	11,77A
Max Power Current (Imp)	10,79A	10,87A	10,95A	11,00A	11,08A	11,77A
Module Efficiency	%20,55	%20,83	%21,10	%21,38	%21,65	%21,92
Operating Temperature	-40°C~+85°C					
Maximum System Voltage	1500V (IEC/UL)					
Maximum Series Fuse Rating	20A					
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	Mono-crystalline 166x83mm, 9BB
Cell Arrangement	120 (6X20)
Dimensions	1756 x 1039 x 35 (mm)
Weight	20 kg
Front Cover	3.2mm Tempered Glass
Frame Material	Anodized Aluminum Alloy
J-BOX	IP67 / IP68
Cable	Photovoltaic Technology Cable 4.0mm ²
Connectors	MC4 EVO2 or MC4 Comparable
Standard Packaging (Modules per Pallet)	32pcs
Module Pieces per container (40' / 20')	876pcs / 384pcs

TEMPERATURE CHARACTERISTICS

Nominal Operating Cell Temperature (NOCT)	45±2°C
Temperature Coefficient of Pmax	-0.360%/°C
Temperature Coefficient of Voc	-0.304%/°C
Temperature Coefficient of Isc	0.050%/°C

WARRANTY

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

