

LEXRON

FOR A LIVEABLE WORLD



HALF CUT

72 CELL

MONOCRYSTALLINE MODULE

225–230W

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)

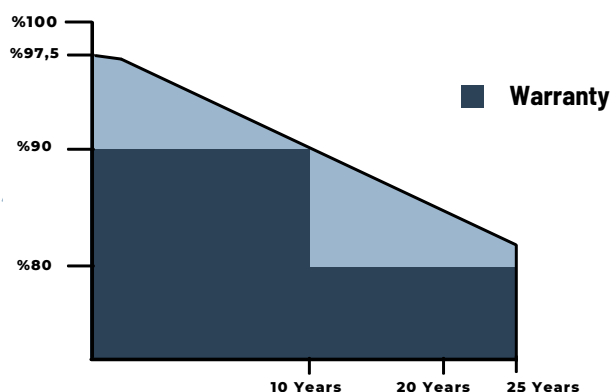
SYSTEM CERTIFICATES

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

LEXRON

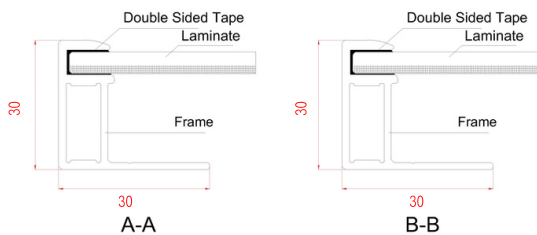
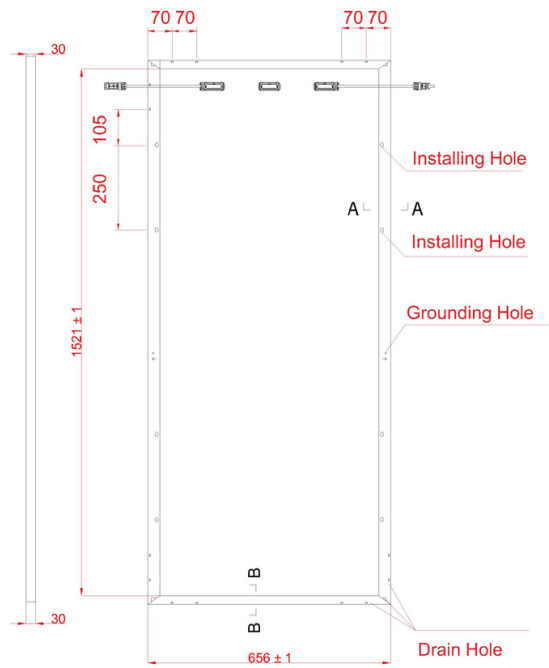
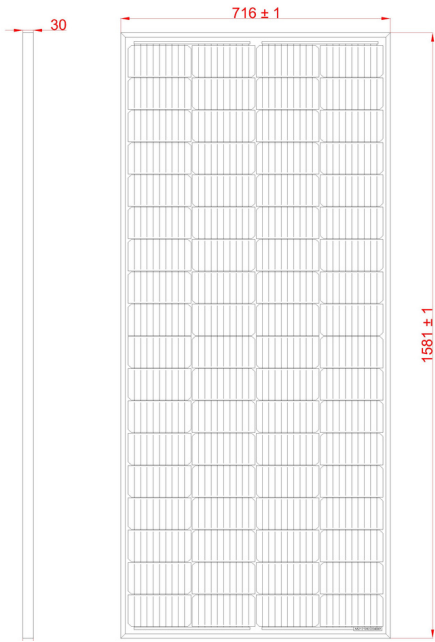
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Industry-leading warranty



72 CELL HALFCUT MONOCRYSTAL DATASHEET

DIMENSIONS OF PV MODULE(mm)



ELECTRICAL DATA (STC)

Nominal Maximum	225W	230W
Open CIRCUIT Voltage (Voc)	25,26V	25,38V
Max Power Voltage (Vmp)	21,05V	21,15V
Short Circuit Current(Isc)	11,28A	11,47A
Max Power Current (Imp)	10,69A	10,87A
Module Efficiency	%19,88	%20,32

Operating Temperature	-40°C~+85°C
Maximum System Voltage	1000V (IEC/UL)
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	Mono-crystalline 166x83mm, 9BB
Cell Arrangement	72 (4X18)
Dimensions	1581 x 716 x 30 (mm)
Weight	13 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 or MC4 Comparable
Standard Packaging (Modules per Pallet)	32pcs
Module Pieces per container (40' / 20')	704pcs / 352pcs

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

