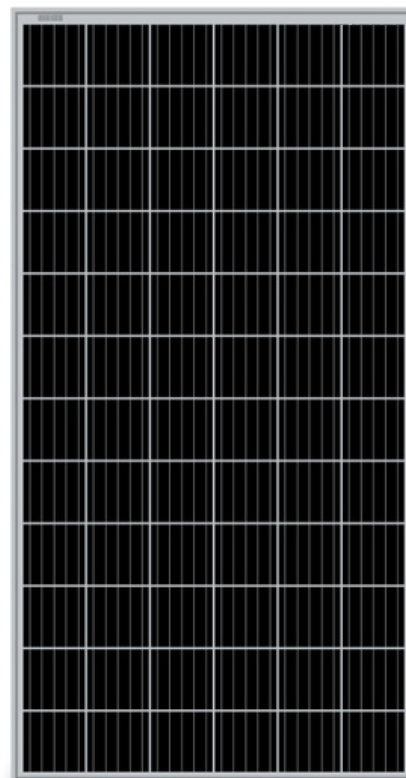


LEXRON

FOR A LIVEABLE WORLD



FULL CELL

72 CELL

MONOCRYSTALLINE MODULE

390–410W

POWER OUTPUT RANGE

22.60%

MAXIMUM EFFICIENCY

0~+5W

BINNING TOLERANCE

5BB

MULTI BUSBAR

PERC CELL TECHNOLOGY



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)

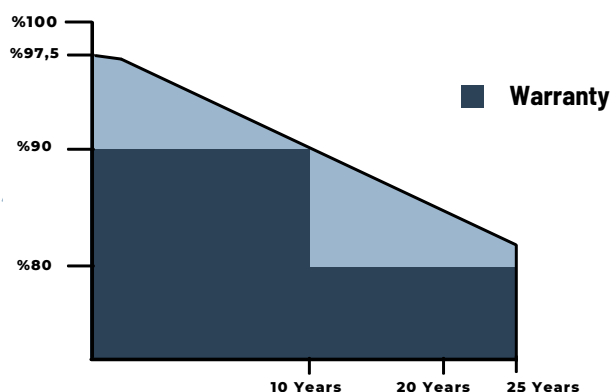
SYSTEM CERTIFICATES

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

LEXRON

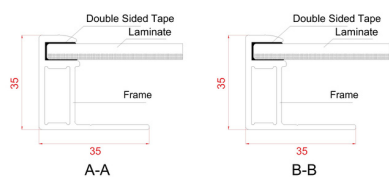
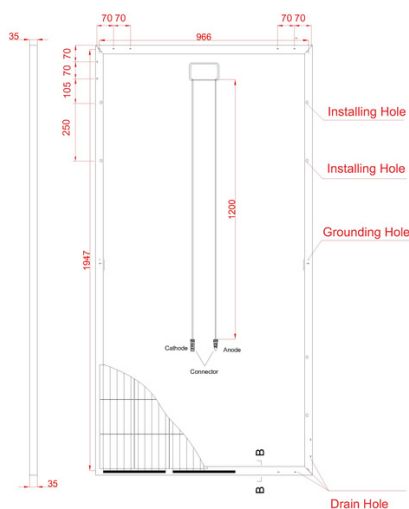
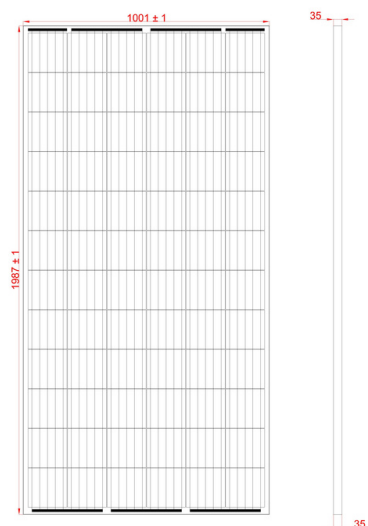
FOR A LIVEABLE WORLD

Industry-leading warranty

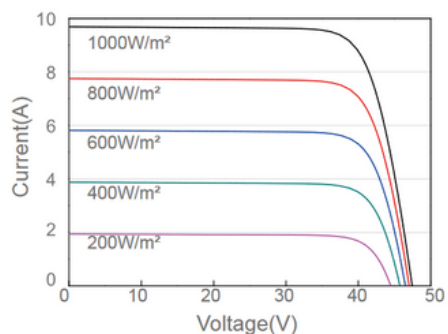


72 CELL PERC MONOCRYSTAL DATASHEET

DIMENSIONS OF PV MODULE(mm)



I-V CURVES OF PV MODULE(400W)



ELECTRICAL DATA (STC)

Nominal Maximum	390W	395W	400W	405W	410W
Open CIRCUIT Voltage (Voc)	45,4V	45,6V	49,44V	49,43V	49,70V
Max Power Voltage (Vmp)	40,1V	40,2V	41,2V	41,3V	41,42V
Short Circuit Current(Isc)	9,99A	9,99A	10,24A	10,32A	10,44A
Max Power Current (Imp)	9,73A	9,82A	9,71A	9,82A	9,90A
Module Efficiency	%19,3	%19,8	%20,11	%20,40	%20,61
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	PERC Mono-crystalline 158,75x158,75mm, 5BB
Cell Arrangement	72 (6X12)
Dimensions	1987 x 1001 x 35 (mm)
Weight	22 kg
Front Cover	3.2mm Tempered Glass
Frame Material	Anodized Aluminum Alloy
J-BOX	IP67 / IP68
Cable	Photovoltaic Technology Cable 4.0mm ² / 1200mm
Connectors	MC4 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	-0.270%/°C
Temperature Coefficient of Isc	0.040%/°C

WARRANTY

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

