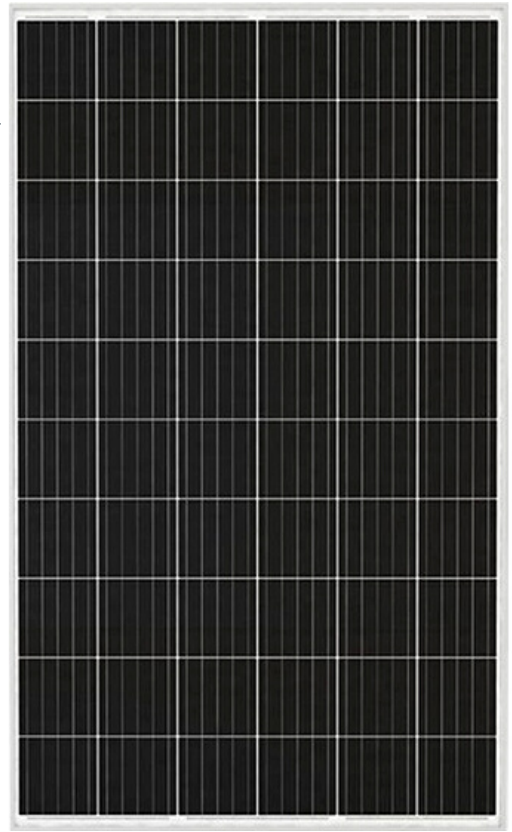


# 60 CELL PERC MONOCRYSTAL DATASHEET

# LEXRON

FOR A LIVEABLE WORLD



FULL CELL

60 CELL

MONOCRYSTALLINE MODULE

315–340W

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)

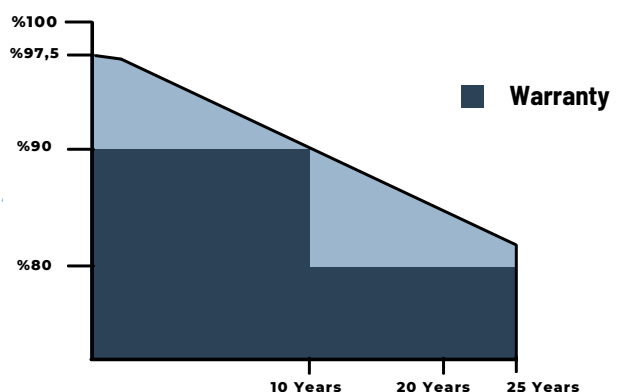
## SYSTEM CERTIFICATES

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

# LEXRON

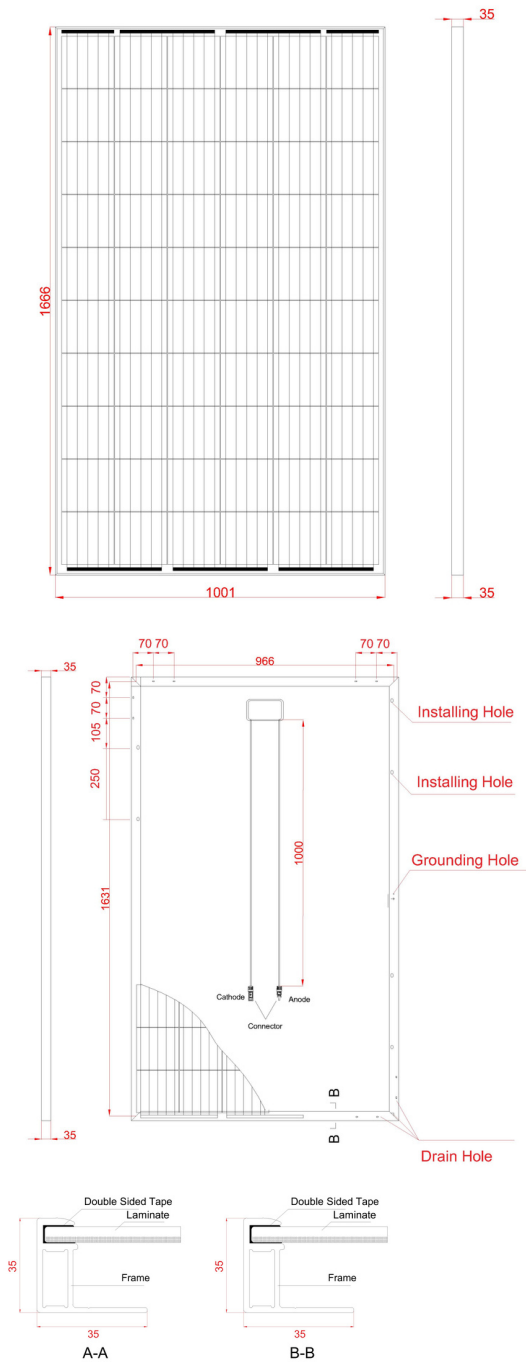
FOR A LIVEABLE WORLD

## Industry-leading warranty

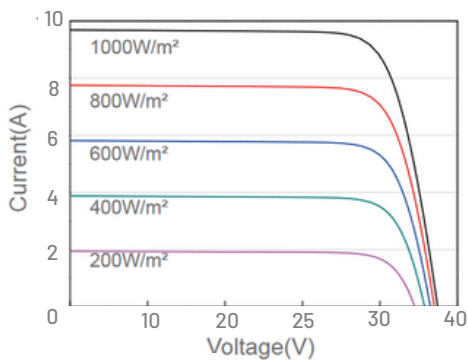


# 60 CELL PERC MONOCRYSTAL DATASHEET

## DIMENSIONS OF PV MODULE(mm)



## I-V CURVES OF PV MODULE(340W)



## ELECTRICAL DATA (STC)

Nominal Maximum	315W	320W	325W	330W	340W
Open CIRCUIT Voltage (Voc)	37,5V	37,8V	37,8V	41,18V	41,4V
Max Power Voltage (Vmp)	31,6V	31,8V	31,8V	34,32V	34,5V
Short Circuit Current(Isc)	9,21A	9,42A	9,5A	9,62A	10,40A
Max Power Current (Imp)	10,3A	10,24A	10,22A	10,14A	9,86A
Module Efficiency	%19	%19,3	%19,5	%19,79	%20,39
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/m<sup>2</sup>, Cell Temperature 25°C, Air Mass AM1.5.  
\*Measuring tolerance: ±3%.

## MECHANICAL DATA

Cell Type	PERC Mono-crystalline 158,75x158,75mm, 5BB
Cell Arrangement	60 (6X10)
Dimensions	1666 x 1001 x 35 (mm)
Weight	19 (kg)
Front Cover	3.2mm Tempered Glass
Frame Material	Anodized Aluminum Alloy
J-BOX	IP67 / IP68 6 Diodes
Cable	Photovoltaic Technology Cable 4.0mm <sup>2</sup> / 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	-0.360%/°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

