

# LEXRON-60

315/320/325/330/340M

# LEXRON

Renewable Energy Systems

## All-Purpose Module

LEXRON-60 is a robust solar module with 60 solar cells. These modules are mainly used for on-grid solar applications. Our meticulous design and production techniques ensure high-yield, long-term performance for every module produced. Our rigorous quality control and in-house testing facilities guarantee LEXRON modules meet the highest quality standards possible.

## Monocrystalline Silicon Solar Modules

### Features



High module conversion efficiency (up to 22.60%), through superior manufacturing technology



Guaranteed 0- +5W positive power output tolerance ensures high reliability



Anti-reflective, hydrophobic coating improves light absorption and reduces surface dust



Excellent performance under low light environments (mornings, evenings and cloudy days)



Entire module certified to withstand high wind loads (2400 Pascal) and snow loads (5400 Pascal)\*



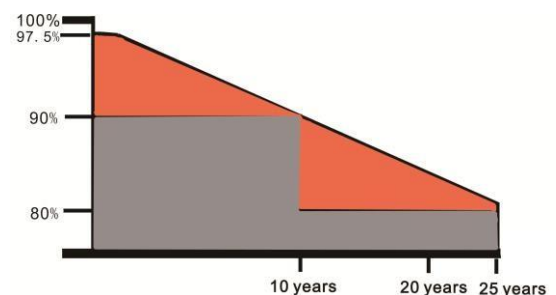
## All-purpose Module

Sales network covers more than 20 countries, providing customers with instant after sales service and an efficient supply-chain, our clients can be found throughout the world, such as Europe, Oceania, Eastern Europe, East Asia, Middle East and Africa. LEXRON team works closely with our customers to provide them with solutions for all their solar needs.



LEXRON reputation is founded on more than 200MW of high performance solar modules installed all around the world.

## Industry-leading warranty



- 25 year transferable power output warranty: 10year/90%; 25year/80%.
- Based on nominal power.
- 10 year material and workmanship warranty.

# LEXRON-60

## 315/320/325/330/340M

### Electrical Data

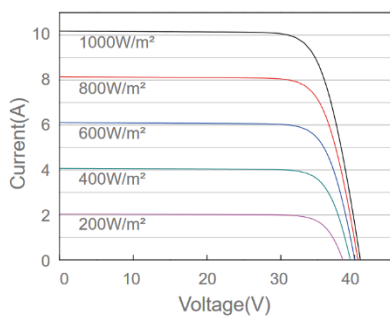
STC	LXR-315-60	LXR-320-60	LXR-325-60	LXR-330-60	LXR-340-60
Nominal Maximum (Pmax)	315W	320W	325W	330W	340W
Optimum Operating V (Vmp)	31.6V	31.8V	31.8V	34.5V	34.5V
Optimum Operating I (Imp)	9.97A	10.06A	10.22A	9.57A	9.85A
Open CIRCUIT Voltage (Voc)	37.5V	37.8V	37.8V	39.68V	39.68V
Short Circuit Current (Isc)	10.25A	10.43A	10.53A	9.99A	9.99A
Module Efficiency	21.60%	21.80%	22.20%	22.40%	22.80%
Operating Temperature	-40°C~+85°C				
Maximum System Voltage	1000V(IEC)/600V(UL)				
Maximum Series Fuse Rating	15A				
Application Classification	Class A				
Power Tolerance	0 ~ + 5W				

Under Standard Test Conditions (STC) irradiance of 1000W/m<sup>2</sup>, spectrum AM 1.5 and cell temperature 25°C

NOCT	LXR-315-60	LXR-320-60	LXR-325-60	LXR-330-60	LXR-340-60
Nominal Maximum Power (Pmax)	235W	240W	245W	250W	255W
Optimum Operating Voltage (Vmp)	30.6V	30.8V	31.0V	31.0V	31.2V
Optimum Operating Current (Imp)	7.68A	7.79A	7.90A	8.06A	8.17A
Open Circuit Voltage (Voc)	34.7V	34.9V	35.1V	35.1V	35.3V
Short Circuit Current (Isc)	8.15A	8.20A	8.24A	8.30A	8.38A

Under Normal Operating Cell Temperature, irradiance 800 W/m<sup>2</sup>, spectrum AM 1.5, ambient temperature 20°C wind speed 1m/s

### IV-Curves

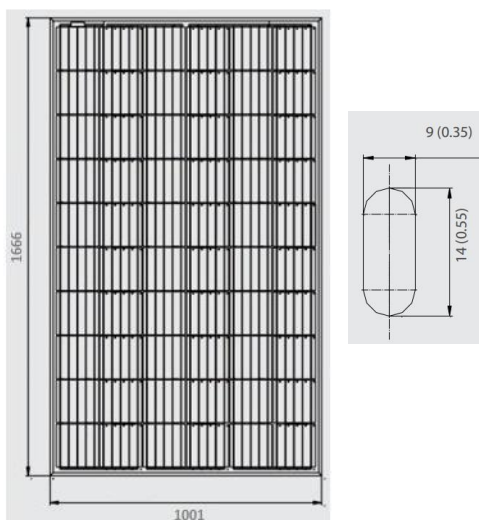
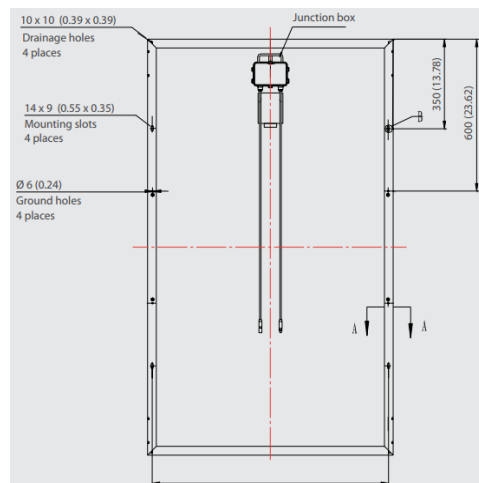


### Temperature Characteristics

Nominal Operating Cell Temperature (NOCT)	45±2°C
Temperature Coefficient of Pmax	-0.36%/°C
Temperature Coefficient of Voc	-0.27%/°C
Temperature Coefficient of Isc	0.04%/°C

### Packing Configuration

Container	20'GP	40'HQ
Pieces	384	896



### Mechanical Data

Cell Type	Mono-crystalline 158.75x158.75mm, 5BB
Cell Arrangement	60 (6x10)
Dimensions	1666 x 1001 x 35mm
Weight	19kg
Front Cover	3.2mm Tempered Glass
Frame Material	Anodized Aluminum Alloy
J-BOX	IP67, 6 Diodes
Cable	4mm2(IEC)/12AWG(UL),1000mm
Connectors	MC4 or MC4 Comparable
Standard Packaging (Modules per Pallet)	32pcs
Module Pieces per container (40'HQ)	896 pcs (40'HQ)

**LEXRON® is registered trademark of ACS Enerji ve Teknoloji LTD STI**

Add: 1376 Sk. Boran Plaza No:3AG Halkapınar, Izmir/Turkey  
 Tel: +90 232 458 0045  
 Email: info@acsenerji.com  
 www.acsenerji.com