

LEXRON-72M

395/400/410M

LEXRON

Renewable Energy Systems

All-Purpose Module

LEXRON-72 is a robust solar module with 72 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



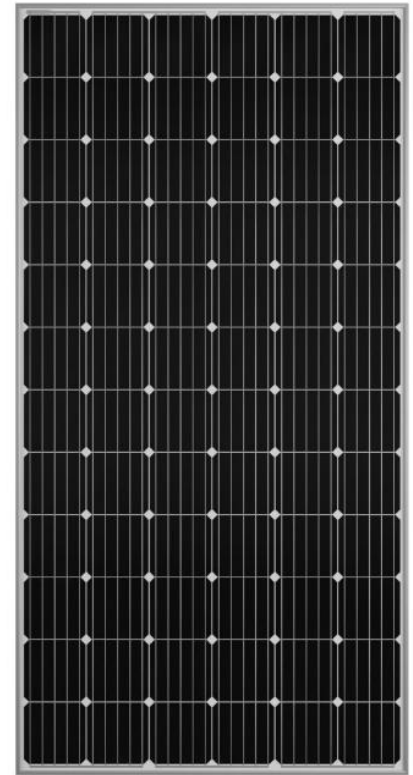
Anti-reflective, hydrophobic coating improves light absorption and reduces surface dust



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)*



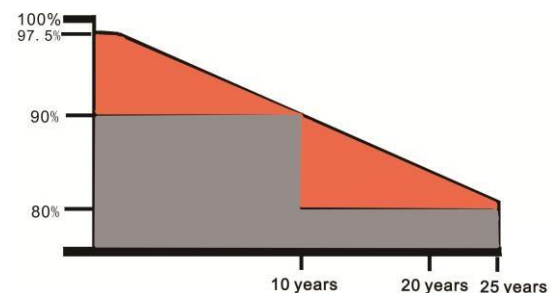
All-purpose Module

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-72M

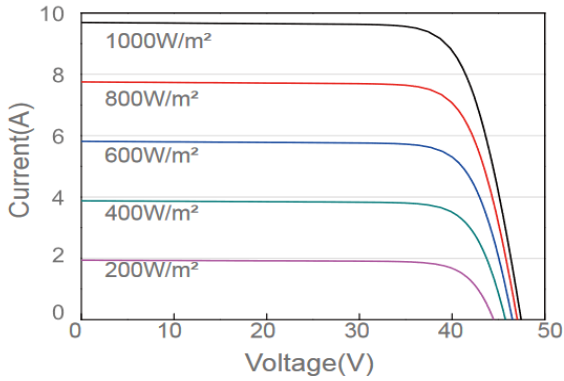
395/400/410M

Electrical Data

STC	LXR-395-72M	LXR-400-72M	LXR-410-72M
Nominal Maximum	395W	400W	410W
Open CIRCUIT Voltage (Voc)	45.6V	47.95V	47.95V
Max Power Voltage (Vmp)	40.2V	41.7V	41.7V
Short Circuit Current(Isc)	9.99A	9.99A	9.99A
Max Power Current (Imp)	9.82A	9.59A	9.83A
Module Efficiency	22.40%	22.60%	22.60%
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/m², spectrum AM 1.5 and cell temperature of 25°C

IV-Curves



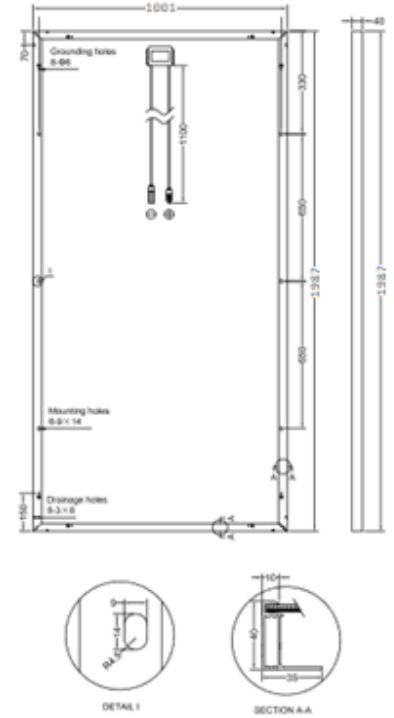
Temperature Characteristics

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	270	696

Unit: mm



Mechanical Data

Cell Type	Mono-crystalline 158.75x158.75mm, 5BB
Cell Arrangement	72 (6x12)
Dimensions	1987 x 1001 x 35 mm
Weight	23kg
Front Cover	3.2mm Tempered Glass
Frame Material	Anodized Aluminum Alloy
J-BOX	IP67, 6 Diodes
Cable	4mm2(IEC)/12AWG(UL),1200mm
Connectors	MC4 or MC4 Comparable
Standard Packaging (Modules per Pallet)	26pcs
Module Pieces per container (40'HQ)	696pcs (40'HQ)

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

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