

LEXRON-120M

360/365/370/375/380/385 MHC

LEXRON

Renewable Energy Systems

All-Purpose Module

LEXRON-120 is a robust solar module with 120 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 21.1%), 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)*



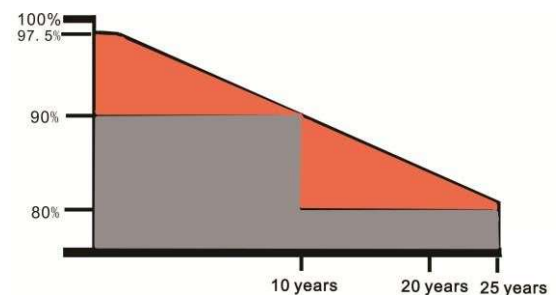
All-purpose Module

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-120M

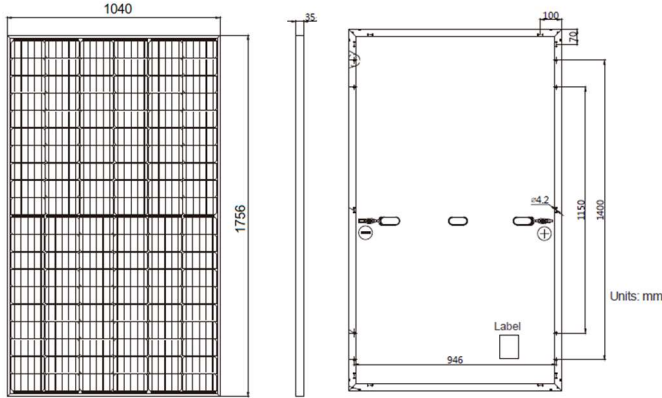
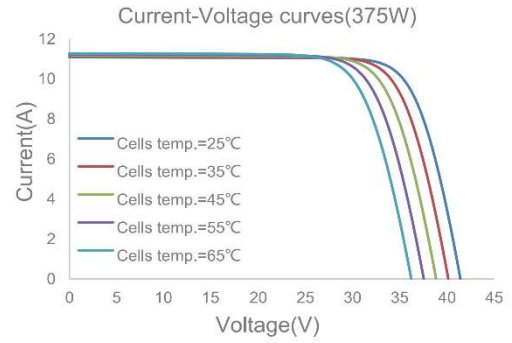
360/365/370/375/380/385MHC

Electrical Data

STC	LXR-360-120MHC	LXR-365-120MHC	LXR-370-120MHC	LXR-375-120MHC	LXR-380-120MHC	LXR-385-120MHC
Nominal Maximum	360W	365W	370W	375W	380W	385W
Open CIRCUIT Voltage (Voc)	40,5V	40,7V	40,9V	41,10V	41,3V	41,5V
Max Power Voltage (Vmp)	33,9V	34,10V	34,3V	34,5V	34,7V	34,9V
Short Circuit Current(Isc)	11,35A	11,42A	11,49A	11,57A	11,64A	11,74A
Max Power Current (Imp)	10,62A	10,71A	10,79A	10,87A	10,94A	11,03A
Module Efficiency	19.7%	20.0%	20,3%	20,6%	20,8%	21,1%
Operating Temperature	-40°C~+85°C					
Maximum System Voltage	1500V (IEC/UL)					
Maximum Series Fuse Rating	20A					
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



Mechanical Data

Cell Type	Mono-crystalline 166x83mm, 9BB
Cell Arrangement	120 (6x20)
Dimensions	1756 x 1040 x 35 mm
Weight	20,3g
Front Cover	3.2mm Tempered Glass
Frame Material	Anodized Aluminum Alloy
J-BOX	IP67 / IP68
Cable	4mm ² (IEC)/12AWG(UL), 300mm/1200mm
Connectors	MC4 or MC4 Comparable
Standard Packaging (Modules per Pallet)	32pcs
Module Pieces per container (40HQ)	832pcs (40'HQ)

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

Packing Configuration

Container	20'GP	40'HQ
Pieces	384	832

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