



# JRXXXM-72

## Mono Crystalline Solar Module

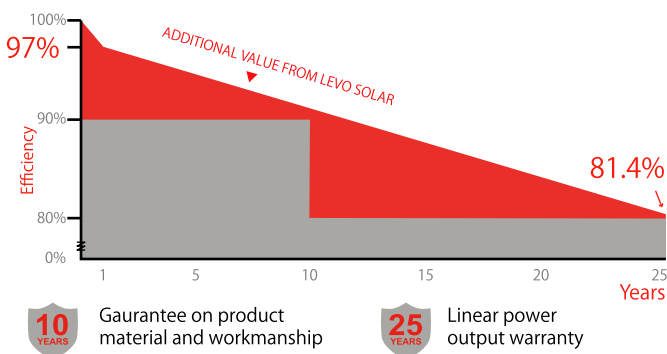
- 72pcs solar cells layout
- 400W-425W Positive Sorting
- 100% A Grade Solar Cells
- OEM/ODM Available

### Key Features

- High conversion efficiency due to top quality wafers and advanced cells technology.
- Selected encapsulating materials and stringent production process control ensures highly PID resistant.
- Excellently withstanding harsh environments, such as salt mist, sand mist as well as ammonia etc.
- Optimized system performance due to module level current sorting and 100% two times EL.
- Special cell process ensures good performance under low irradiance conditions.
- Highly transparent self-cleaning glass brings additional yield and easy maintenance.



### Warranty



### Certificates



JR reserve the right to change specifications without notification.



## Electrical Specification (STC\*)

Maximum Power -Pmax(W) :	400W	405W	410W	415W	420W	425W
Maximum Power Voltage-Vmp(V):	39.72	39.90	40.08	40.25	40.40	40.63
Maximum Power Current-Imp(A):	10.07	10.15	10.23	10.31	10.39	10.46
Open Circuit Voltage -Voc(V):	47.90	48.10	48.30	48.50	48.70	48.90
Short Circuit Current-Isc(A):	11.02	11.11	11.19	11.26	11.34	11.43
Module Efficiency - $\eta$ m(%):	18.53	18.76	18.99	19.22	19.45	19.69
Power Output Tolerance (W):						0+5W

STC:Irradiance:1000W/m<sup>2</sup>, Module Temperature:25°C,Air Mass:1.5

## Electrical Specification (NOCT\*)

Maximum Power -Pmax(W) :	281.39w	285.18w	288.97w	292.76w	296.55w	300.34w
Maximum Power Voltage-Vmp(V):	36.62	36.78	36.95	37.11	37.25	37.46
Maximum Power Current-Imp(A):	7.68	7.75	7.82	7.89	7.96	8.02
Open Circuit Voltage -Voc(V):	45.50	45.70	45.90	46.10	46.30	46.50
Short Circuit Current-Isc(A):	8.12	8.19	8.26	8.32	8.39	8.46

NOCT:Irradiance:800W/m<sup>2</sup>, Ambient Temperature:20°C,Air Mass:1.5,Wind Speed:1m/s

## Mechanical Specifications:

Solar Cell Type:	Mono-crystalline 166x166mm
Number of Cells:	72pcs (12x6)
Module Size:	2060*1046*40mm
Weight:	25kg
Glass:	High transparency self-cleaning solar glass 3.2mm
Back Sheet:	White TPT
Frame:	Silver Anodized Aluminium Alloy
Junction Box:	IP67
Number of Diodes:	3pcs
Cable:	4.0mm <sup>2</sup> 1100mm
Connector:	MC4 Compatible
Wind/Snow Load:	2400pa/5400pa

## Temperature Coefficient:

Nominal Operating Cell Temp(NOCT):	45±2°C
Temperature Coefficient of ISC:	0.060%/°C
Temperature Coefficient of VOC:	-0.309%/°C
Temperature Coefficient of Pmax:	-0.39%/°C

## Maximum Ratings

Operational Temperature:	-40~85°C
Maximum System Voltage:	1500V
Maximum Series Fuse Rating:	20A

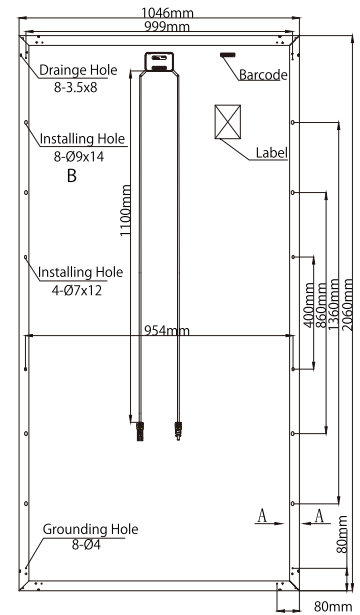
## Optional:

Junction box:	Smart junction box available
Connector:	MC4 Original
Backsheet:	Black/Transparent TPT
Frame:	Black Anodized Aluminium Alloy

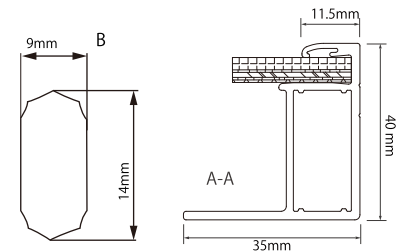
## Packaging Information:

Number per Box:	26PCS
Number per 20GP:	200PCS
Number per 40HC:	594PCS

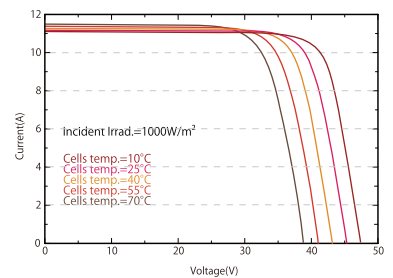
## Engineering Drawings



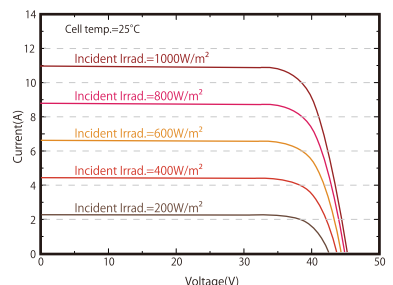
Back View



## U-I Curve at Different Temperature (410W)



## U-I/P-U Curve at Different Irradiation (410W)



CAUTION:READ INSTALLATION MANUAL BEFORE USING THE PRODUCT

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