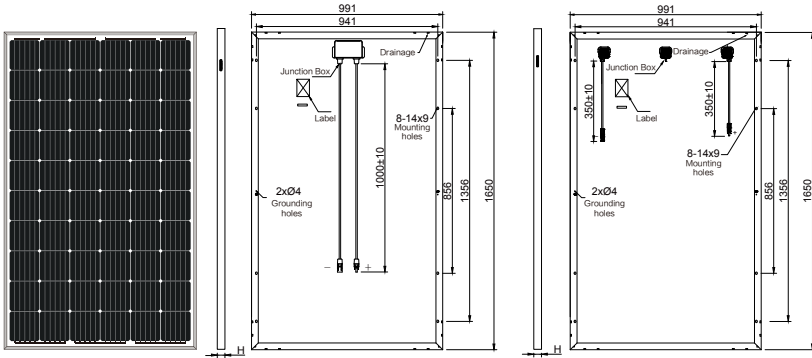


# HJ-M-Xa

## Monocrystalline Silicon Module

280W / 285W / 290W / 295W / 300W / 305W



### MECHANICAL PARAMETERS

Solar Cell	Mono156.75x156.75mm
Cell Orientation	60pcs(6x10)
Module Dimensions	1650x991x35mm
Weight	18.3kg
Glass	3.2mm Coated Tempered Glass
Frame	Silver Anodized Aluminium Alloy
J-Box	IP67/IP68
Cables	Photovoltaic Technology Cable 4.0mm <sup>2</sup> ,1000mm
Connector	MC4 Compatible
Max. Wind Load / Max. Snow Load	2400Pa/5400Pa 1600Pa/3600Pa

### ELECTRICAL PARAMETERS | STC\*

\*STC: Irradiance 1000W/m<sup>2</sup>, Module Temperature 25°C, AM1.5

Component Model	HJ-280M-Xa	HJ-285M-Xa	HJ-290M-Xa	HJ-295M-Xa	HJ-300M-Xa	HJ-305M-Xa
Rated Max. Power(Pmax/W)	280	285	290	295	300	305
Max. Power Voltage(Vmp/V)	31.71	31.81	32.21	32.51	32.61	32.91
Max. Power Current(Imp/A)	8.83	8.96	9.01	9.07	9.19	9.27
Open Circuit Voltage(Voc/V)	39.01	39.31	39.51	39.71	39.91	40.21
Short Circuit Current(Isc/A)	9.35	9.45	9.50	9.55	9.64	9.72
Module Efficiency(%)	17.12	17.43	17.74	18.04	18.35	18.65

### ELECTRICAL PARAMETERS | NOCT\*

\*NOCT: Irradiance at 800W/m<sup>2</sup>, Ambient Temperature 20°C, AM1.5, Wind Speed 1m/S

Component Model	HJ-280M-Xa	HJ-285M-Xa	HJ-290M-Xa	HJ-295M-Xa	HJ-300M-Xa	HJ-305M-Xa
Rated Max. Power(Pmax/W)	209	212	216	220	223	227
Max. Power Voltage(Vmp/V)	29.41	29.61	29.91	30.21	30.41	30.61
Max. Power Current(Imp/A)	7.11	7.16	7.23	7.28	7.34	7.42
Open Circuit Voltage(Voc/V)	36.31	36.61	36.71	36.91	37.11	37.31
Short Circuit Current(Isc/A)	7.55	7.63	7.67	7.71	7.78	7.84

### TEMPERATURE CHARACTERISTIC

Temperature Coefficient of Pmax	-0.39%/°C
Temperature Coefficient of Voc	-0.30%/°C
Temperature Coefficient of Isc	+0.06%/°C
Normal Operating Cell Temperature(NOCT)	44°C ± 2°C

### PACKING CONFIGURATION

Packing Configuration	20'GP	40'HC
Pieces Per Pallet	31	
Pallets Per Container	6	28
Pieces Per Container	186	868

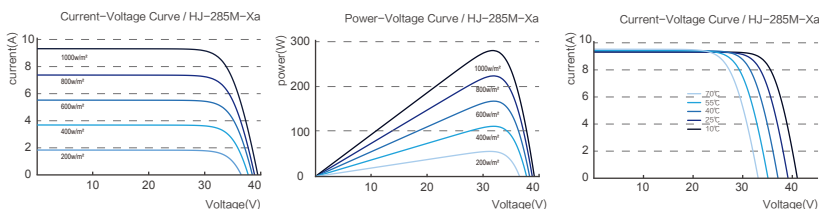
### CERTIFIED PRODUCT

- IEC 61215 / IEC 61730 / CE
- ISO 9001 : 2008 Quality Management System (QMS)
- ISO 14001 : 2004 Environment Mangement System (EMS)
- OHSAS 18001 : 2007 Occupational Health and Safety Management System

### WORKING PARAMETERS

Operating Temperature(°C)	-40~+85
Max. System Voltage(V)	DC1000(IEC)
Max.Series Fuse(A)	15
Application Class	Class II
Power Tolerance	0~+5W

### I-V CURVES



### QUALITY ASSURANCE

