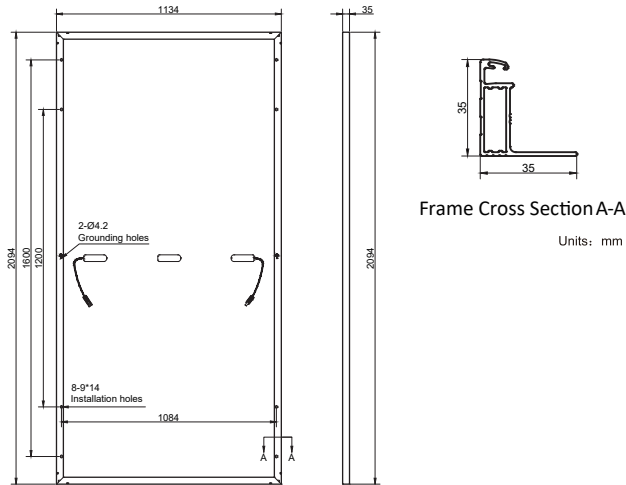


## MECHANICAL DIAGRAMS



## SPECIFICATIONS

Weight	26.2kg
Dimensions	2094mm*1134mm*35mm
Cell Amount	66*2 pcs
Maximum System Voltage	1500V
Junction Box	IP68
Frame	Aluminum Alloy
Cable	4mm <sup>2</sup> /300mm
Connector	MC4 Compatible
Application Level	Class A

## ELECTRICAL PARAMETERS AT STC

Module Type	JMD480P-132M	JMD485P-132M	JMD490P-132M	JMD495P-132M	JMD500P-132M	JMD505P-132M
Maximum Power (Pmax/W)	480	485	490	495	500	505
Open Circuit Voltage(Voc/V)	45.02	45.18	45.33	45.49	45.65	45.79
Short Circuit Current(Isc/A)	13.66	13.73	13.79	13.86	13.92	13.99
Maximum Power Voltage(Vmp/V)	37.71	37.87	38.02	38.18	38.33	38.50
Maximum Power Current(Imp/A)	12.73	12.81	12.89	12.97	13.05	13.12
Module Efficiency(%)	20.20	20.40	20.60	20.80	21.10	21.30

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

## ELECTRICAL PARAMETERS AT NOCT

Maximum Power (Pmax/W)	363	366	370	373	377	381
Open Circuit Voltage(Voc/V)	42.16	42.31	42.46	42.60	42.75	42.89
Short Circuit Current(Isc/A)	10.98	11.06	11.12	11.19	11.26	11.33
Maximum Power Voltage(Vmp/V)	35.48	35.61	35.73	35.86	35.99	36.11
Maximum Power Current(Imp/A)	10.23	10.28	10.36	10.41	10.48	10.56

\* Under Nominal Module Operating Temperature (NOCT), irradiance of 800 W/m<sup>2</sup>, spectrum AM 1.5, ambient temperature 20°C, wind speed 1 m/s.

## TEMPERATURE CHARACTERISTICS

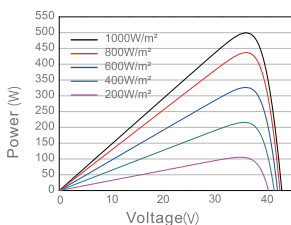
NOCT	45±2°C	Temp Coefficient of Isc	+0.046%/°C
Temp Coefficient of Voc	-0.276%/°C	Temp Coefficient of Pmax	-0.350%/°C

## PACKING CONFIGURATION

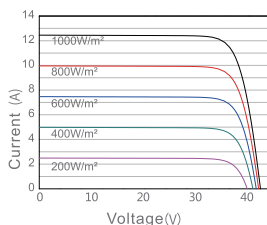
Modules/Pallet	31 Pieces	Modules/40'Container	682 Pieces
Packing Description	22 Pallets, Total=(31+31)x11=682 Pieces		

## CHARACTERISTICS

JMD500P-132M



JMD500P-132M



## MAXIMUM RATING

Output Tolerance	0~+5W
Operating Temperature	-40°C~+85°C
Wind Load/Snow Load	2400pa/5400pa
Fuse Current	20A