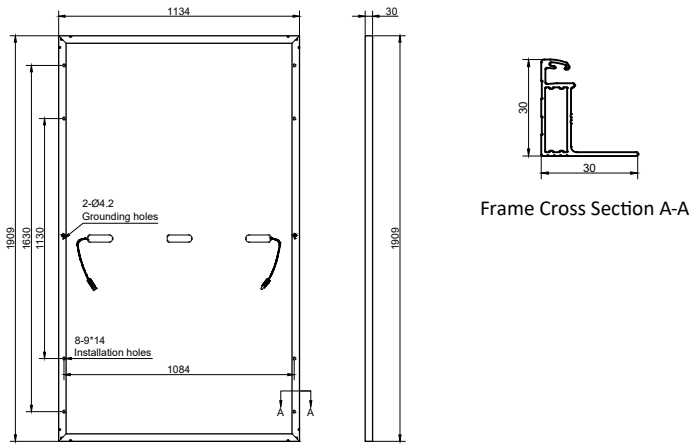


MECHANICAL DIAGRAMS



SPECIFICATIONS

Weight	23kg
Dimensions	1909mm*1134mm*30mm
Cell Amount	60*2 pcs
Maximum System Voltage	1500V
Junction Box	IP68
Frame	Aluminum Alloy
Cable	4mm ² /300mm
Connector	MC4 Compatible
Application Level	Class A

ELECTRICAL PARAMETERS AT STC

Module Type	JMD445P-120M	JMD450P-120M	JMD455P-120M	JMD460P-120M
Maximum Power (Pmax/W)	445	450	455	460
Open Circuit Voltage(Voc/V)	41.10	41.25	41.40	41.55
Short Circuit Current(Isc/A)	13.82	13.89	13.97	14.05
Maximum Power Voltage(Vmp/V)	34.48	34.67	34.87	35.06
Maximum Power Current(Imp/A)	12.91	12.98	13.05	13.13
Module Efficiency(%)	20.60	20.80	21.00	21.20

* Under Standard Test Conditions (STC) of irradiance of 1000 W/m², spectrum AM 1.5 and cell temperature of 25°C.

ELECTRICAL PARAMETERS AT NOCT

Maximum Power (Pmax/W)	336.0	340.0	340.0	343.0
Open Circuit Voltage(Voc/V)	38.53	38.65	38.65	38.77
Short Circuit Current(Isc/A)	11.03	11.08	11.08	11.12
Maximum Power Voltage(Vmp/V)	32.35	32.51	32.51	32.67
Maximum Power Current(Imp/A)	10.40	10.46	10.46	10.51

* Under Nominal Module Operating Temperature (NOCT), irradiance of 800 W/m², spectrum AM 1.5, ambient temperature 20°C, wind speed 1 m/s.

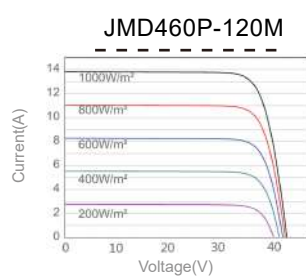
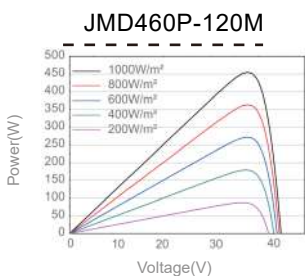
TEMPERATURE CHARACTERISTICS

NOCT	45±2°C	Temp Coefficient of Isc	+0.046%/°C
Temp Coefficient of Voc	-0.275%/°C	Temp Coefficient of Pmax	-0.350%/°C

PACKING CONFIGURATION

Modules/Pallet	36 Pieces	Modules/40'Container	864 Pieces
Packing Description	24Pallets, Total=(36+36)x12=864 Pieces		

CHARACTERISTICS



MAXIMUM RATING

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