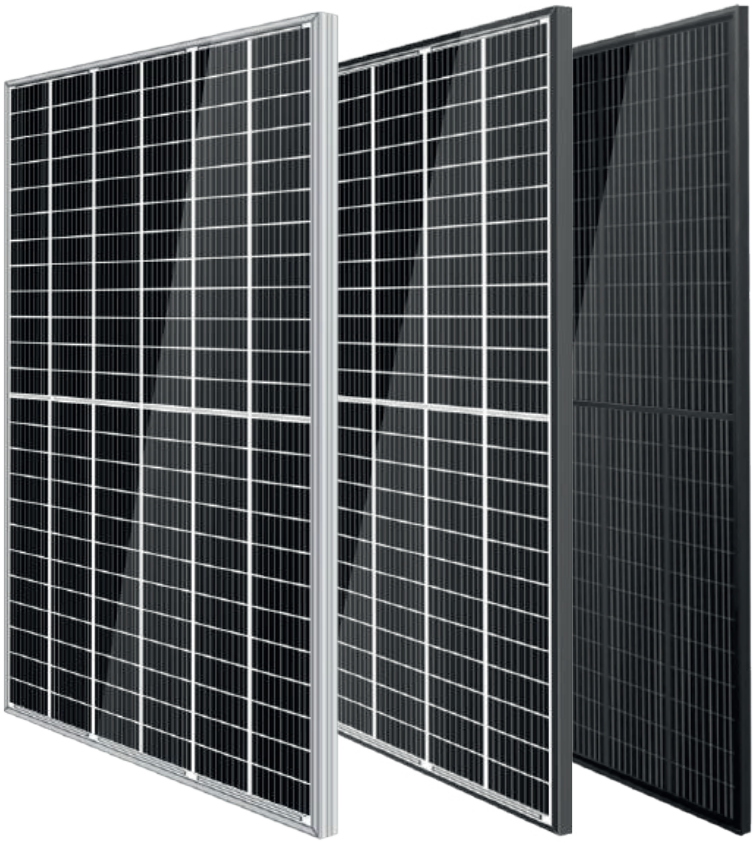
POWER MAXMA Solar



Halfcut 166mm
9 Bus Bars
MONO MODULE
PERC TECHNOLOGY

MX M6/144H-(410w-450w)

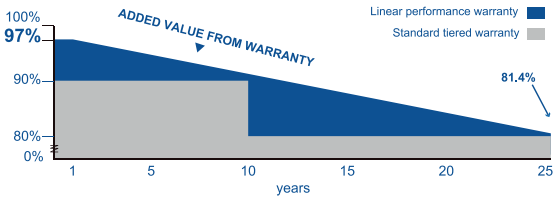
High conversion efficiency
High module efficiency to guarantee power output.

0 to +5W positive tolerance
Detailed information in Electrical Specifications.

Self-cleaning glass
Coating glass for self-cleaning, reduce surface dust.

48-hour response service

Outstanding low irradiation performance
Excellent module efficiency even in the weak light conditions, such as morning or cloudy.



25-year performance warranty

10-year warranty on materials and workmanship

Excellent loading capability
2400Pa wind loads, 5400Pa snow loads.

IEC 61215 Ed.2
IEC 61730
UL 1703

مكسما ماركة مسجلة Solar

MX M6/144H-(410w-450w)

ELECTRICAL DATA

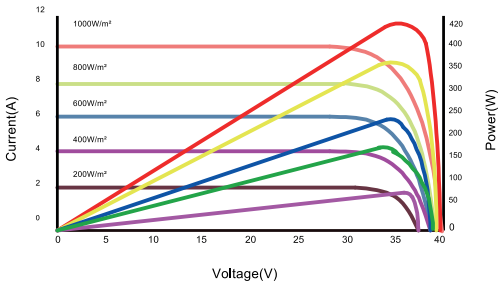
Model Type (MX-M6/144H-xxx)	430	435	440	445	450
Peak Power (Pmax)	430W	435W	440W	445W	450W
Module Efficiency	19.5%	19.7%	19.9%	20.1%	20.4%
Maximum Power Volage (Vmp)	40.60V	40.80V	41.00V	41.20V	41.40V
Maximum Power Current (Imp)	10.60A	10.67A	10.74A	10.81A	10.88A
Open Circuit Voltage (Voc)	49.20V	49.40V	49.60V	49.80V	50.00V
Short Circuit Current (Isc)	11.19A	11.26A	11.33A	11.40A	11.47A
Power Tolerance			0 to +5W		
Maximum System Voltage Nominal			1000/1500V		
Operating Cell Temperature			44.4±2°C		
Maximum Series Fuse Rating			20A		

MECHNICAL DATA

Cell Type	166×83mm, Mono
Number of Cells	144(12×6×2)
Weight	24kg
Dimension	2108×1048×40mm
Max Load	5400 Pascals
Junction Box	IP68 rated
Connector	MC4 Compatible
Wire Type	PV Wire

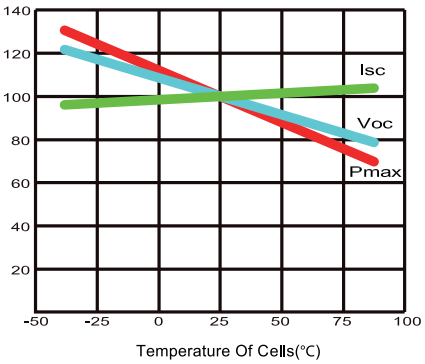
ELECTRICAL CHARACTERISTICS

MX -M6/144H-430



TEMPERATURE CHARACTERISTICS

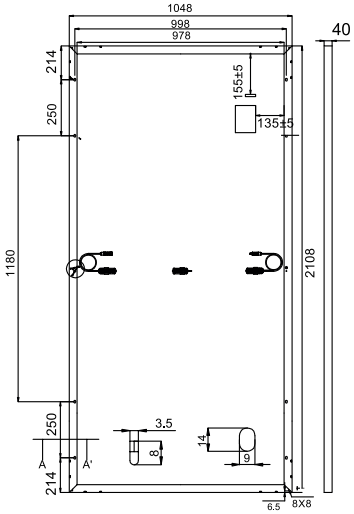
Temp. Coeff. of Isc (TK Isc)	0.05% /°C
Temp. Coeff. of Voc (TK Voc)	-0.28% /°C
Temp. Coeff of Pmax (TK Pmax)	-0.36% /°C



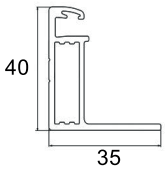
PACKING MANNER

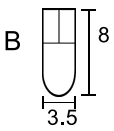
Container	40' HQ
Pieces per Pallet	27
Pieces per Container	(27+27+4)*11=638

PHYSICAL CHARACTERISTICS



Frame Cross Section A-A





Note: the specifications are obtained under the Standard Test Conditions (STCs): 1000W/m² solar irradiance, 1.5 Air Mass, and cell temperature of 25°C. The NOCT is obtained under the Test Conditions: 800W/m², 20°C ambient temperature, 1m/s wind speed, AM 1.5 spectrum.