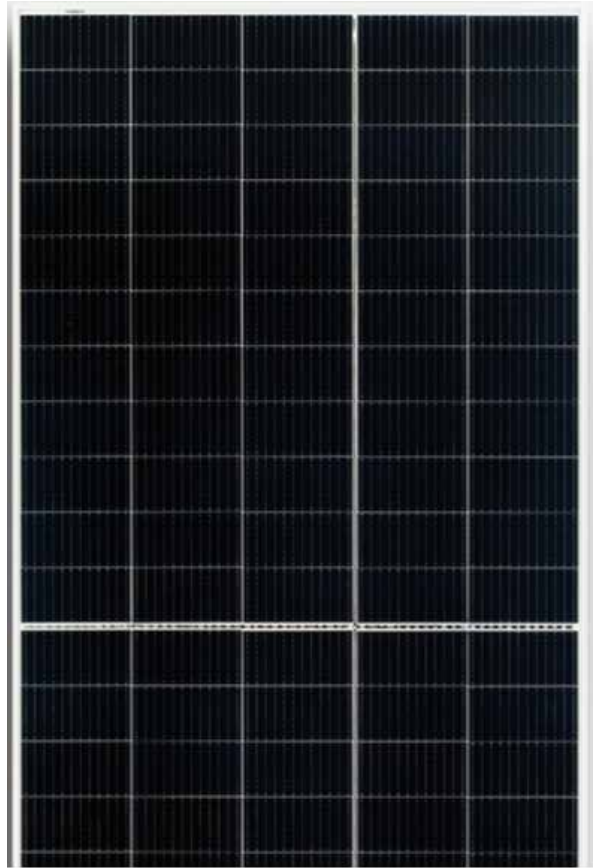


**Halfcut  
12 Bus Bars  
MONO MODULE**

MX 540-560 M (110)



High conversion efficiency  
High module efficiency to guarantee power output.



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



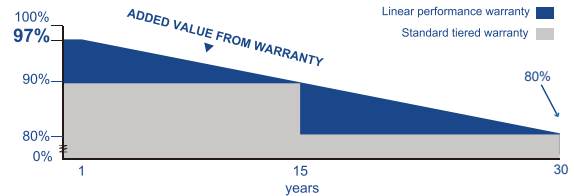
Self-cleaning glass  
Coating glass for self-cleaning, reduce surface dust.



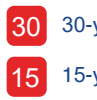
48-hour response service



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



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



30-year performance warranty

15-year warranty on materials and workmanship

## ELECTRICAL DATA

Model Type	MX 540M	MX 545M	MX 550M	MX 555M	MX 560M
Peak Power (Pmax)/W	540	545	550	555	560
Module Efficiency/%	20.7	20.9	21.0	21.2	21.4
Maximum Power Voltage (Vmp)/V	31.56	31.76	31.96	32.16	32.36
Maximum Power Current (Imp)/A	17.12	17.17	17.22	17.26	17.31
Open Circuit Voltage (Voc)/V	37.88	38.10	38.32	38.54	38.76
Short Circuit Current (Isc)/A	18.13	18.18	18.23	18.28	18.33
Power Tolerance	0 to +5W				
Maximum System Voltage	1500V				
Nominal Operating Cell Temperature	44±2°C				
Maximum Series Fuse Rating	35A				

## MECHANICAL DATA

Cell Type	Monocrystalline
Number of Cells	110 cells (5x11+5x11)
Weight	33kg
Dimension	2384x1096x30mm
Max Load	5400 Pascals
Junction Box	IP68 rated
Connector	Twinsel PV-SY02, IP68
Wire Type	Compatible PV Wire

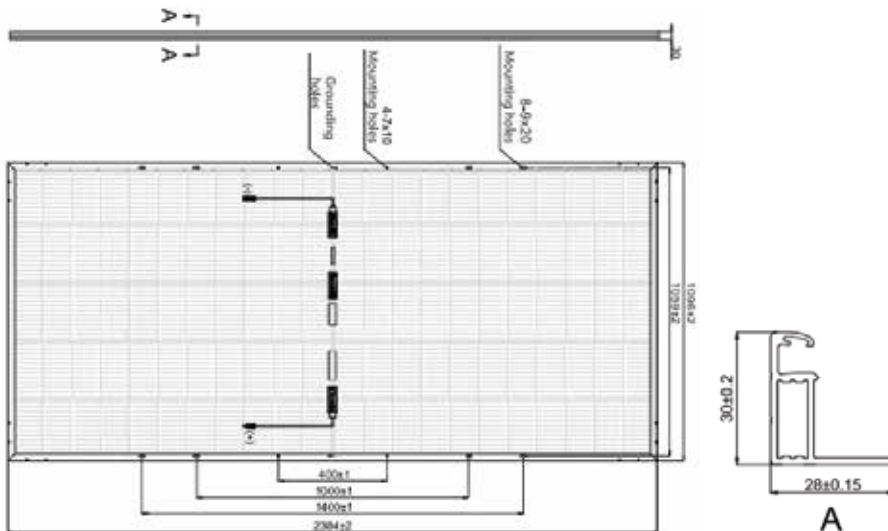
## TEMPERATURE CHARACTERISTICS

Temp. Coeff. of Isc (TK Isc)	0.04% /°C
Temp. Coeff. of Voc (TK Voc)	-0.25% /°C
Temp. Coeff. of Pmax (TK Pmax)	-0.34% /°C

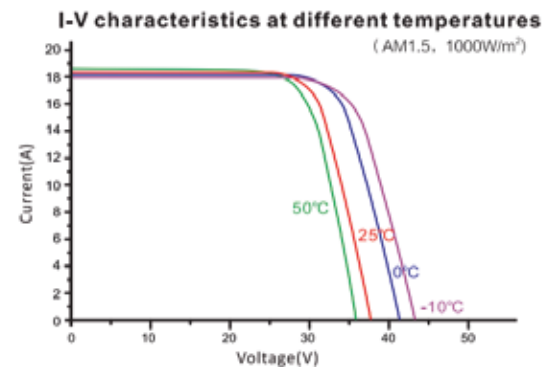
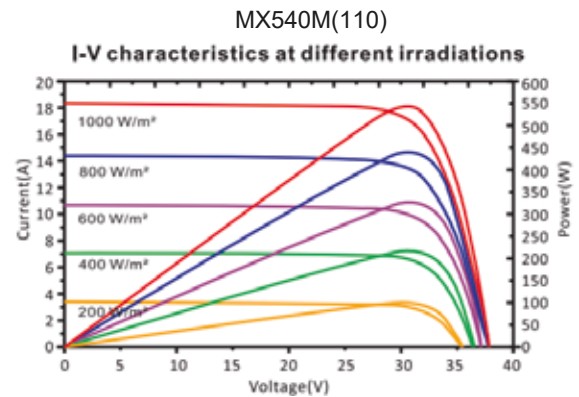
## PACKING MANNER

Container	40' HQ
Pieces per Pallet	35
Pieces per Container	700

## PHYSICAL CHARACTERISTICS



## ELECTRICAL CHARACTERISTICS



Note: the specifications are obtained under the Standard Test Conditions (STCs): 1000W/m<sup>2</sup> solar irradiance, 1.5 Air Mass, and cell temperature of 25°C. The NOCT is obtained under the Test Conditions: 800W/m<sup>2</sup>, 20°C ambient temperature, 1m/s wind speed, AM 1.5 spectrum.