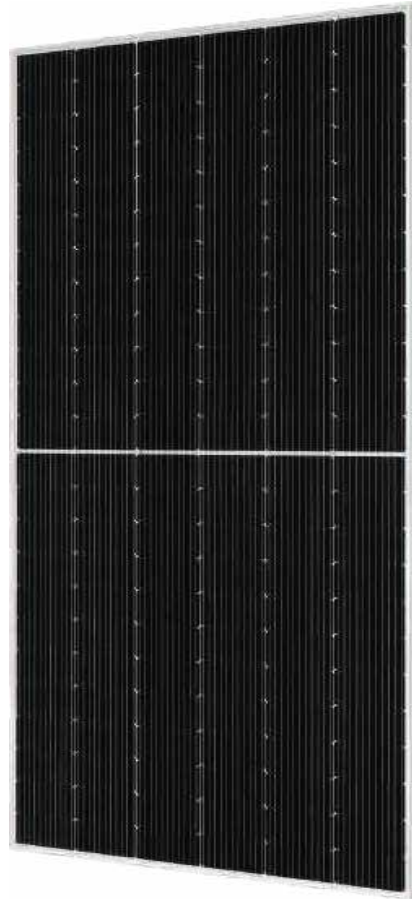


**Halfcut 182mm**  
**10 Bus Bars**  
**MONO MODULE**  
**PERC TECHNOLOGY**  
MX550M(144)



High conversion efficiency  
High module efficiency to guarantee power output.



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



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



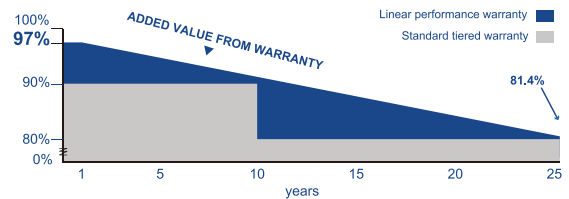
Excellent loading capability  
2400Pa wind loads, 5400Pa snow loads.



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



48-hour response service



25

25-year performance warranty

10

10-year warranty on materials and workmanship

## ELECTRICAL DATA

Model Type	MX540M(144)	MX545M(144)	MX550M(144)	MX555M(144)	MX560M(144)
Peak Power (Pmax)	540W	545W	550W	555W	560W
Module Efficiency	20.9%	21.1%	21.3%	21.5%	21.7%
Maximum Power Voltage (Vmp)	41.64V	41.80V	41.96V	42.11V	42.27V
Maximum Power Current (Imp)	12.97A	13.04A	13.11A	13.18A	13.25A
Open Circuit Voltage (Voc)	49.60V	49.75V	49.90V	50.02V	50.15V
Short Circuit Current (Isc)	13.86A	13.93A	14.00A	14.07A	14.14A
Power Tolerance			0 to +5W		
Maximum System Voltage			1500V		
Nominal Operating Cell Temperature			45±2°C		
Maximum Series Fuse Rating			25A		

## MECHANICAL DATA

Cell Type	182mm, Mono
Number of Cells	144(12×6×2)
Weight	28.6kg
Dimension	2279*1134*35
Max Load	5400 Pascals
Junction Box	IP68 rated
Connector	MC4 Compatible
Wire Type	PV Wire

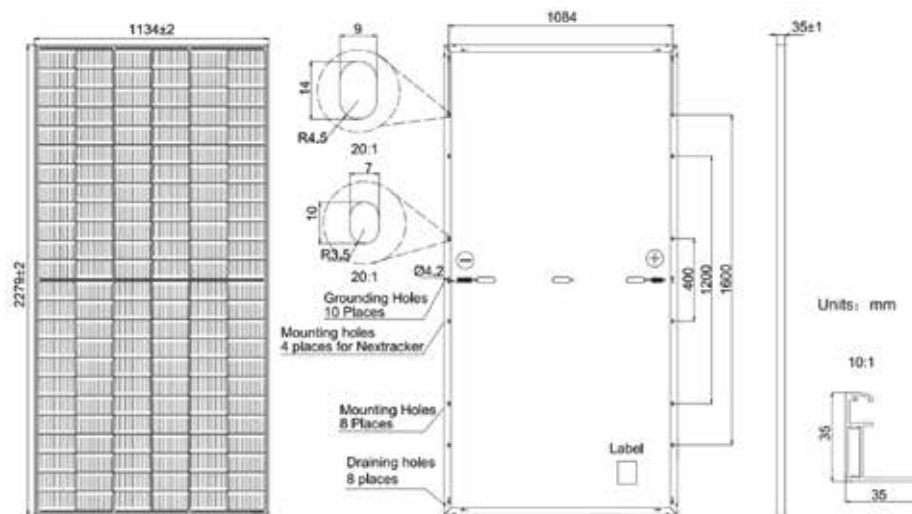
## TEMPERATURE CHARACTERISTICS

Temp. Coeff. of Isc (TK Isc)	0.045% /°C
Temp. Coeff. of Voc (TK Voc)	-0.275% /°C
Temp. Coeff. of Pmax (TK Pmax)	-0.350% /°C

## PACKING MANNER

Container	40' HQ
Pieces per Pallet	31
Pieces per Container	620

## PHYSICAL 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.

## ELECTRICAL CHARACTERISTICS

### MX550M(144)

