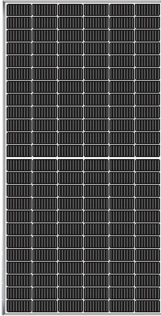


10BB

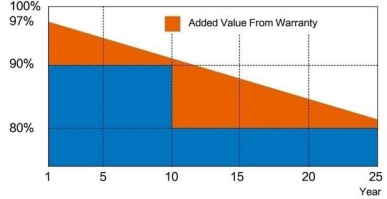


## KEY FEATURES

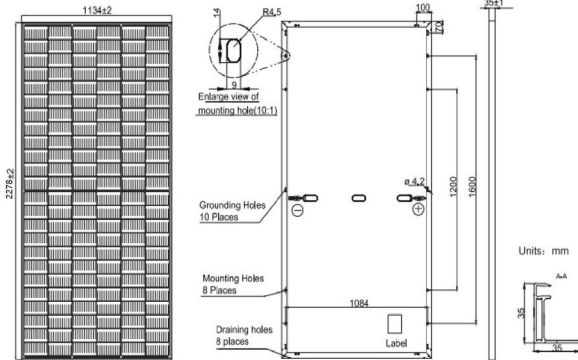
-  **PID RESISTANT**
-  **High Power Output**
-  **High transmission, low Iron Tempered Glass**
-  **Bypass Diodes Protection**
-  **Salt Mist And Ammonia Resistance Test**

## Superior Warranty

- 10-year product warranty
- 25-year linear power output warranty



## DIMENSIONS



## MECHANICAL CHARACTERISTICS

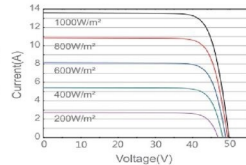
Frame Material	Anodized Aluminium Alloy
Front Glass	Tempered Glass
Back Cover	TPT(Composite film)
Cell Encapsulant	EVA
Junction box	IP67, 3 diodes
Cables	4mm <sup>2</sup>
Connector	MC4
Max wind load	2400Pa
Max snow load	5400Pa

## TEMPERATURE COEFFICIENT

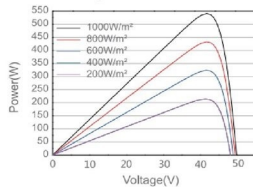
NOCT	45°C (±2°C)
Temperature Coefficient of Pmax	-0.35%/°C
Temperature Coefficient of Voc	-0.275%/°C
Temperature Coefficient of Isc	0.045%/°C
Operating Temperature	-40°C ~ +85°C

## I-V CURVES

Current-Voltage Curve



Power-Voltage Curve



## ELECTRONICAL CHARACTERISTICS

Module Type	OS-HM72-540	OS-HM72-545	OS-HM72-550
Maximum Power(Pmax)	540W	545W	550W
Maximum Power Voltage(Vmp)	41.64	41.80	41.96
Maximum Power Current(Imp)	12.97A	13.04A	13.11A
Open Circuit Voltage(Voc)	49.60	49.75	49.90
Short Circuit Current(Isc)	13.86A	13.93A	14.00A
Number of Cells	144 (6*24)	144 (6*24)	144 (6*24)
Size of Cells(mm)	182*91	182*91	182*91
Dimensions(mm)	2278*1134*35	2278*1134*35	2278*1134*35
Power Tolerance	0 ~ +5W		
Maximum System Voltage	1500VDC		