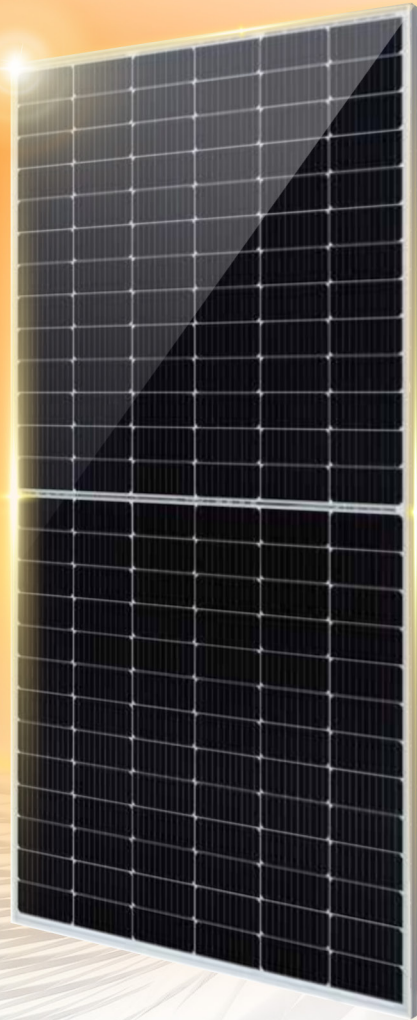


## LIGHT M10/156S

590~610W



12 years  
Product Warranty



25 years  
Linear Power Warranty



First year power  
degradation  $\leq 2\%$



Higher Efficiency



Higher Reliability



PID Resistance



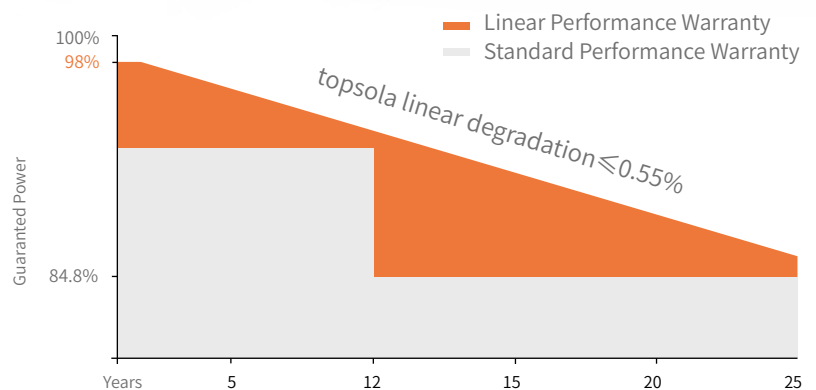
MBB Half-cut Cell  
Technology



Low BOS cost & LCOE



## PRODUCT WARRANTY



\*please refer to Topsola details

**STC: (Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25°C, AM=1.5)**

Module Type	TY590M-156HM	TY595M-156HM	TY600M-156HM	TY605M-156HM	TY610M-156HM
Maximum Power (Pmax) [W]	590	595	600	605	610
Maximum Power Voltage (Vmp) [V]	45.18	45.29	45.39	45.49	45.59
Maximum Power Current (Imp) [A]	13.06	13.14	13.22	13.30	13.38
Open Circuit Voltage (Voc) [V]	54.65	54.8	54.95	55.1	55.25
Short Circuit Current (Isc) [A]	13.83	13.90	13.97	14.04	14.11
Module Efficiency [%]	21.11	21.29	21.46	21.64	21.82
Power Tolerance	0~+5W				

**TEMPERATURE RATINGS (STC)**

Temperature Coefficient (Pmax)	- 0.356 %/°C
Temperature Coefficient (Voc)	- 0.271 %/°C
Temperature Coefficient (Isc)	+0.050 %/ °C
NOCT, Nominal Operating Cell Temperature	45± 2 °C

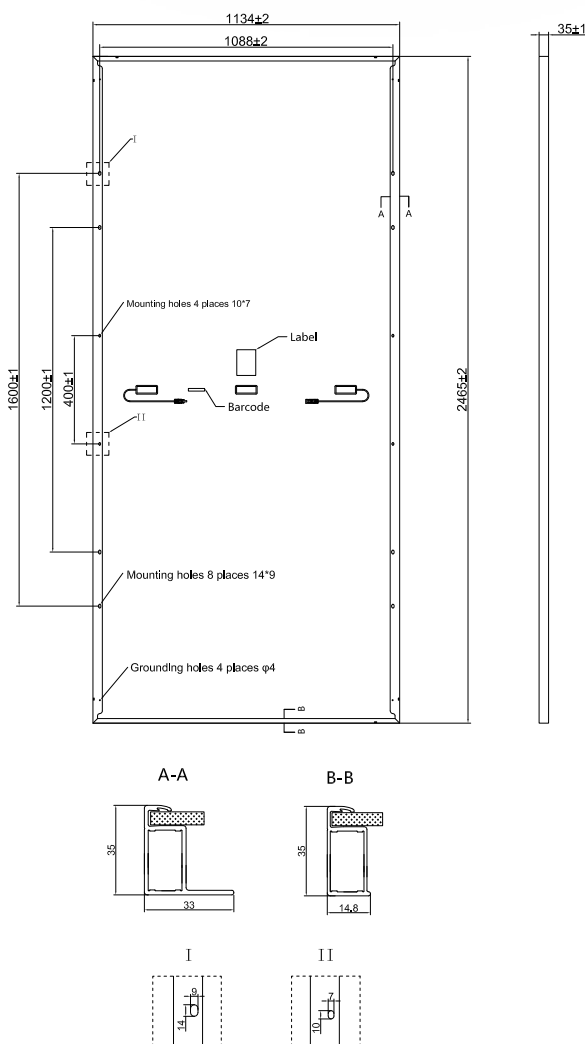
**OPERATING PARAMETERS**

Max. system voltage	1500VDC (IEC)
Maximum series fuse rating	25A
No. of diodes	3
Junction box IP rating	IP68
Operating Temperature	-40~+85°C

**MECHANICAL CHARACTERISTICS**

Dimensions(mm)	2465x1134x35
Cell type	P-type mono-crystalline
No. of cells	156 (6*26)
Frame technology	Aluminum, silver anodized
Front glass thickness(mm)	3.2
Cable Length (Including connector) (mm)	300
Cable diameter	4mm <sup>2</sup>
Connector type	MC4 Compatible
Maximum mechanical test load	5400 Pa ( front ) / 2400 Pa ( back )
Module weight (Kg)	30.5
Packing style	Carton box
Pieces Per Pallet	31 pcs/pallet
Pallets Per Container	16 pallet/container
Pieces Per Container	496pcs/40'HQ

**ENGINEERING DRAWINGS**



**CURVE**

