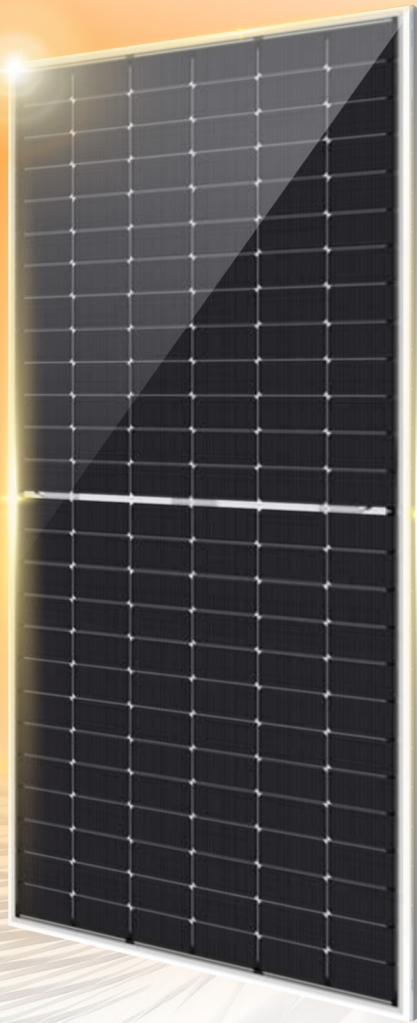


LIGHT M10/156D

585~605W



12 years
Product Warranty



30 years
Linear Power Warranty



First year power
degradation $\leq 2\%$



Higher Efficiency



Higher Reliability



PID Resistance



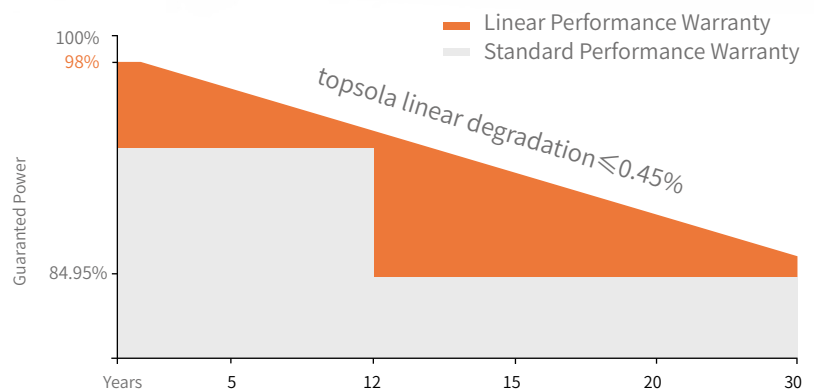
Bifacial Power



Low BOS cost & LCOE



PRODUCT WARRANTY



*please refer to Topsola details

STC: (Irradiance 1000W/m², Cell Temperature 25°C, AM=1.5)

Module Type	TY585M-156HM-DG	TY590M-156HM-DG	TY595M-156HM-DG	TY600M-156HM-DG	TY605M-156HM-DG
Maximum Power (Pmax) [W]	585	590	595	600	605
Maximum Power Voltage (Vmp) [V]	44.73	44.91	45.08	45.25	45.42
Maximum Power Current (Imp) [A]	13.08	13.14	13.20	13.26	13.32
Open Circuit Voltage (Voc) [V]	54.62	54.76	54.90	55.03	55.17
Short Circuit Current (Isc) [A]	13.63	13.71	13.79	13.87	13.95
Module Efficiency [%]	20.93	21.11	21.29	21.46	21.64
Power Tolerance	0~+5W				

TEMPERATURE RATINGS (STC)

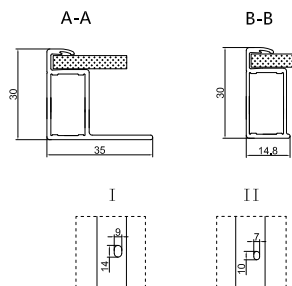
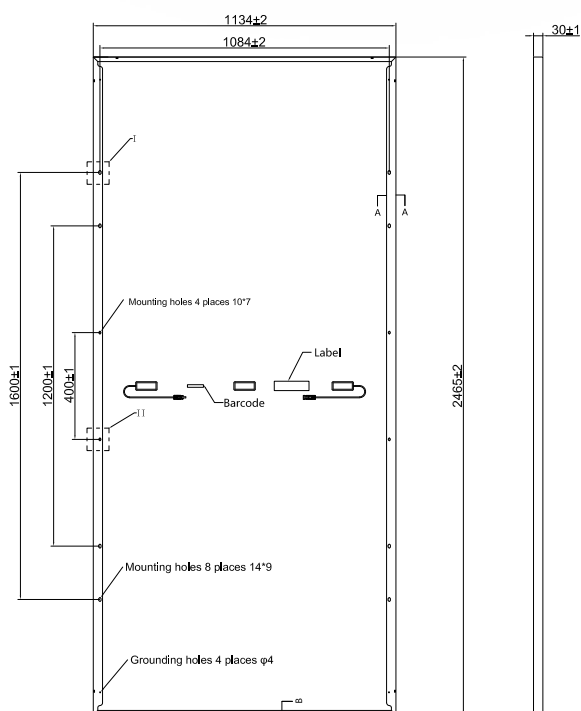
Temperature Coefficient (Pmax)	- 0.345 %/°C
Temperature Coefficient (Voc)	- 0.263 %/°C
Temperature Coefficient (Isc)	+0.049 %/ °C
NOCT, Nominal Operating Cell Temperature	45± 2 °C

OPERATING PARAMETERS

Max. system voltage	1500VDC (IEC)
Maximum series fuse rating	30A
No. of diodes	3
Junction box IP rating	IP68
Operating Temperature	-40~+85°C

MECHANICAL CHARACTERISTICS

Dimensions(mm)	2465x1134x30
Cell type	P-type mono-crystalline
No. of cells	156 (6*26)
Frame technology	Aluminum, silver anodized
Front/Back glass thickness(mm)	2.0+2.0
Cable Length (Including connector) (mm)	300
Cable diameter	4mm ²
Connector type	MC4 Compatible
Maximum mechanical test load	5400 Pa (front)/2400 Pa (back)
Module weight (Kg)	34.6
Packing style	Carton box
Pieces Per Pallet	36 pcs/pallet
Pallets Per Container	16 pallet/container
Pieces Per Container	576pcs/40'HQ

ENGINEERING DRAWINGS

CURVE
