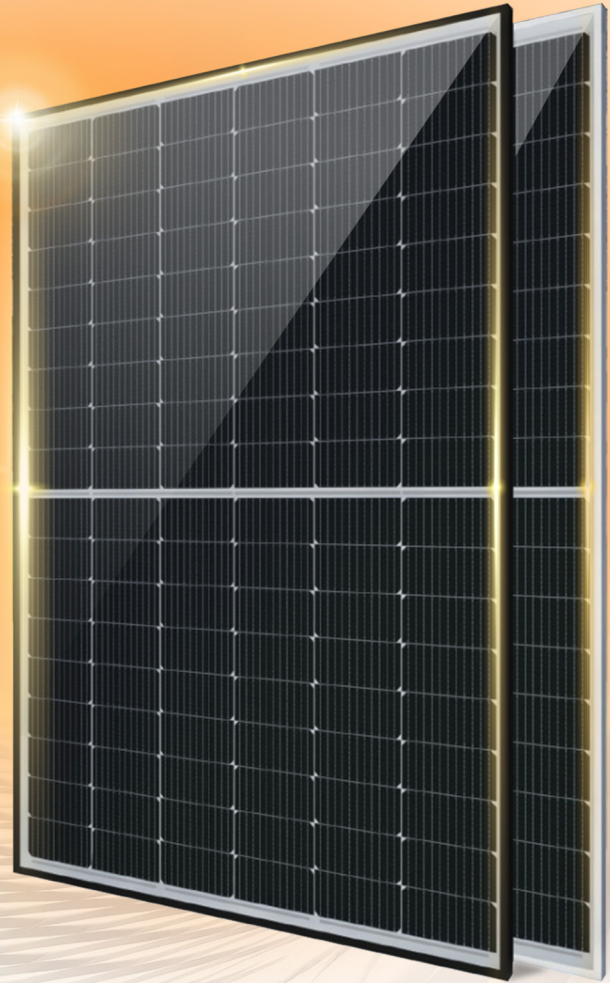


LIGHT M10/108S

405~425W



12 years
Product Warranty



25 years
Linear Power Warranty



First year power
degradation $\leq 2\%$



Higher Efficiency



Higher Reliability



PID Resistance



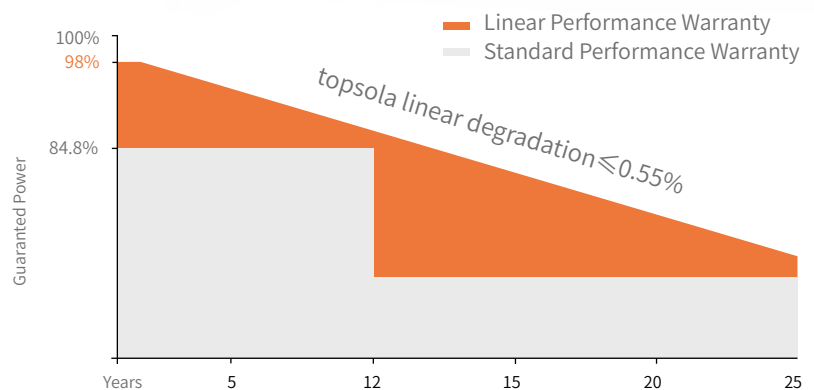
Ideal For Residential



Easy To Install And
Transport



PRODUCT WARRANTY



*please refer to Topsola details

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

Module Type	TY405M-108HM	TY410M-108HM	TY415M-108HM	TY420M-108HM	TY425M-108HM
Maximum Power (Pmax) [W]	405	410	415	420	425
Maximum Power Voltage (Vmp) [V]	31.23	31.42	31.61	31.80	31.99
Maximum Power Current (Imp) [A]	12.97	13.05	13.13	13.21	13.29
Open Circuit Voltage (Voc) [V]	37.23	37.36	37.49	37.62	37.75
Short Circuit Current (Isc) [A]	13.87	13.95	14.02	14.10	14.18
Module Efficiency [%]	20.74	21.00	21.25	21.51	21.76
Power Tolerance	0~+5W				

TEMPERATURE RATINGS (STC)

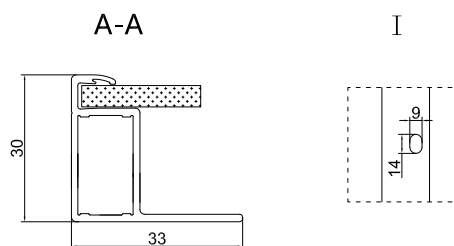
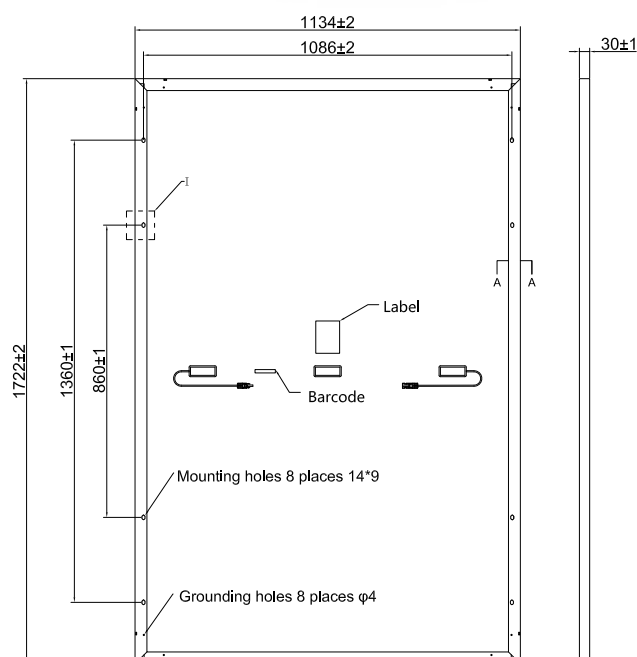
Temperature Coefficient (Pmax)	- 0.356 %/°C
Temperature Coefficient (Voc)	- 0.271 %/°C
Temperature Coefficient (Isc)	+0.050 %/°C
NOCT, Nominal Operating Cell Temperature	45 ± 2 °C

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)	1722x1134x30
Cell type	P-type mono-crystalline
No. of cells	108 (6*18)
Frame technology	Aluminum, black or silver anodized
Front glass thickness(mm)	3.2
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)	22
Packing style	Carton box
Pieces Per Pallet	36 pcs/pallet
Pallets Per Container	26 pallet/container
Pieces Per Container	936pcs/40'HQ

ENGINEERING DRAWINGS

CURVE
