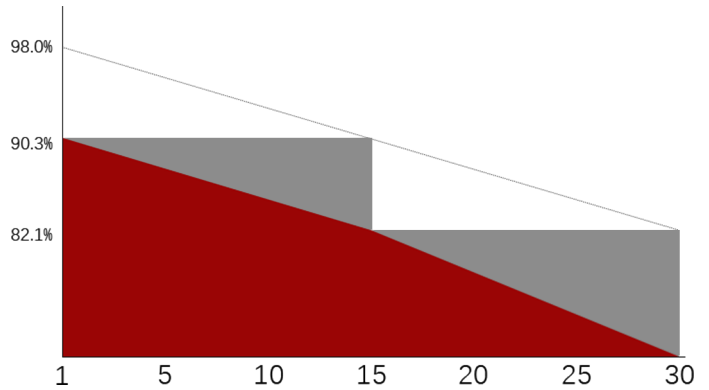


TD-(390-410)MC-108HC

TD - SNOW

Tide solar redefines the high efficiency module range by combining 182mm cells with PERC and half cell technology.

The combination of innovative technology has effectively improved module efficiency and power output.



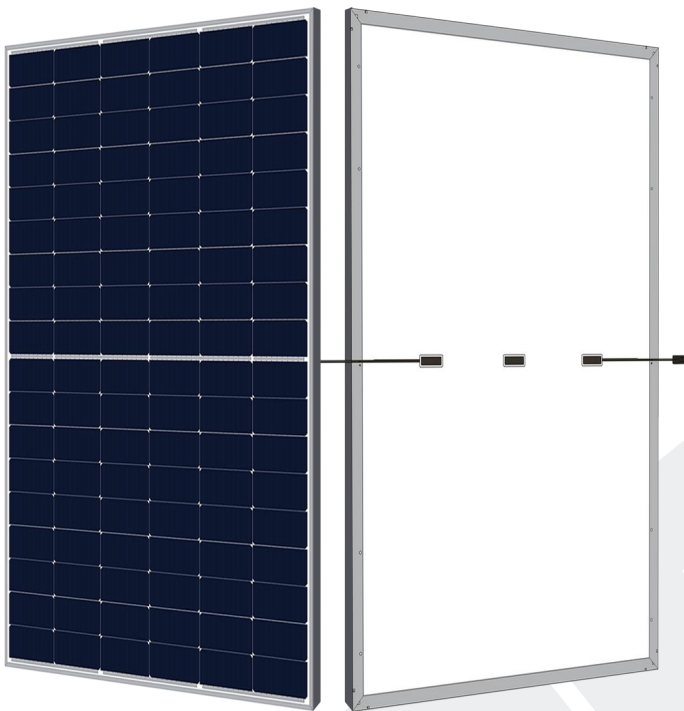
LINEAR PERFORMANCE WARRANTY

15 YEAR PRODUCT WARRANTY

30 YEAR LINEAR POWER WARRANTY

MODULE SIZE

1724x1134x30mm



108 CELL
MONOCRYSTALLINE MODULE

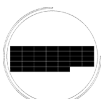
390W-410W
POWER OUTPUT RANGE

20.97%
MAXIMUM EFFICIENCY

0 ~ +3%
POSITIVE POWER TOLERANCE



MAIN CHARACTERISTICS



Competitive Low Light Performance



Reduced BOS & Increased ROI



Reduced Power Loss by Minimising the Effect of Shadow Shading



High Density Encapsulation

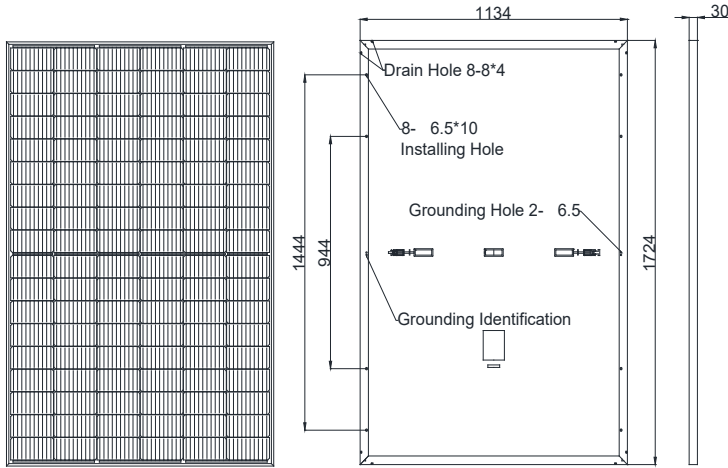


2400pa Wind Load
5400pa Snow Load



Multi-Busbar Technology

DIMENSIONS OF PV MODULE



STRUCTURAL CHARACTERISTICS

Module Size	1724x1134x30mm
Weight	21kg
Cell	single crystal PERC182x91mm (108pieces)
Glass	3.2mm tempered coated glass, low iron
Frame	anodized aluminum alloy
Junction Box	IP68, 3 diodes
Output Lead	4.0mm ² 1200mm(+) / 1200mm(-) or customized
Mechanical Load	front 5400pa / back 2400pa

ELECTRICAL CHARACTERISTICS

Component Model	TD-390MC-108HC	TD-395MC-108HC	TD-400MC-108HC	TD-405MC-108HC	TD-410MC-108HC
Maximum Power (PMP)	390	395	400	405	410
Open Circuit Voltage (VOC)	36.7	36.9	37.1	37.3	37.5
Short Circuit Current (ISC)	13.59	13.66	13.73	13.81	13.88
Maximum Power Voltage (VMP)	30.53	30.70	30.87	31.03	31.20
Maximum Power Current (IMP)	12.78	12.87	12.96	13.06	13.15
Component Efficiency (η)	19.95	20.20	20.46	20.72	20.97
Power Tolerance	(0, +3%)				
Maximum System Voltage	1500V DC				
Maximum Rated Fuse Current	25 A				
STC: Irradiance 1000 W/ m ² module temperature 25 °C AM=1.5					

TEMPERATURE CHARACTERISTICS

Maximum Power Temperature Coefficient	-0.35 % / °C
Temperature Coefficient Of Open Circuit Voltage	-0.27 % / °C
Temperature Coefficient Of Short Circuit Current	+0.05 % / °C
Working Temperature	-40 ~ +85 °C
Nominal Operating Cell Temperature (NOCT)	45 ± 2 °C

PACKING METHOD

Module Size	1724x1134x30mm
Container	40' HQ
Quantity Per Pallet	36
Number Of Pallets Per Container	26
Quantity Per Container	936

I-V Curve

