

LS560-580TC

MODULE SIZE

2279x1134x35mm

POWER OUTPUT RANGE

560W - 580W

POSITIVE POWER TOLERANCE

0 ± 3%

N-TOPCON MONOCRYSTALLINE MODULE

144 CELL

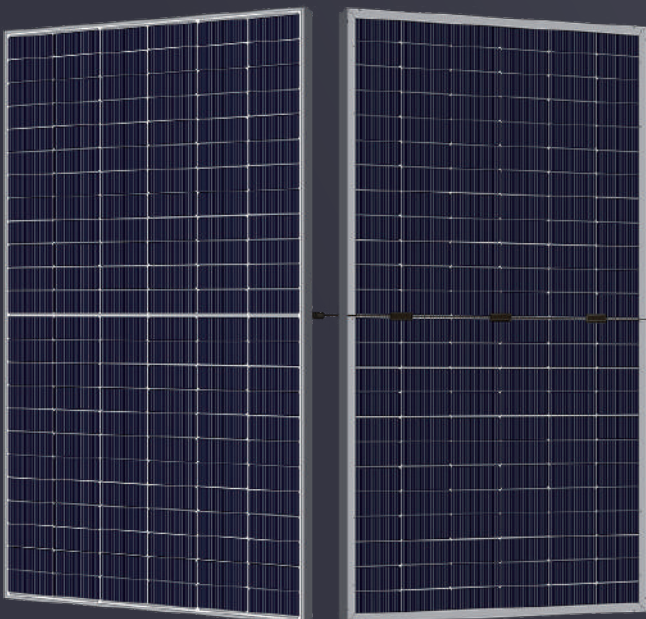
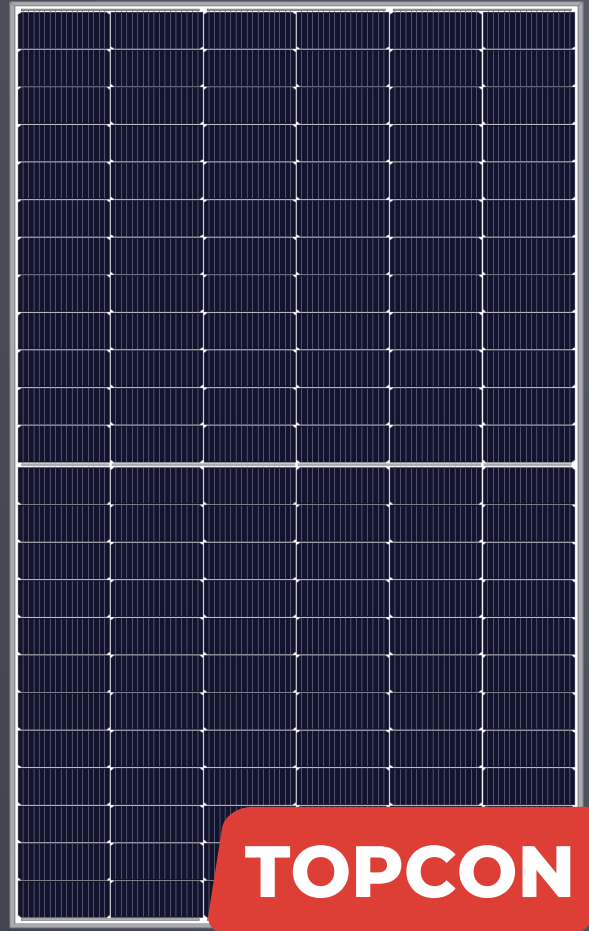
MAXIMUM EFFICIENCY

22.44%

LINEAR PERFORMANCE WARRANTY

15 Year Product Warranty

30 Year Linear Power Warranty



Competitive Low Light Performance



Reduced Power Loss by Minimising the Effect of Shadow Shading



High Density Encapsulation



Multi-Busbar Technology

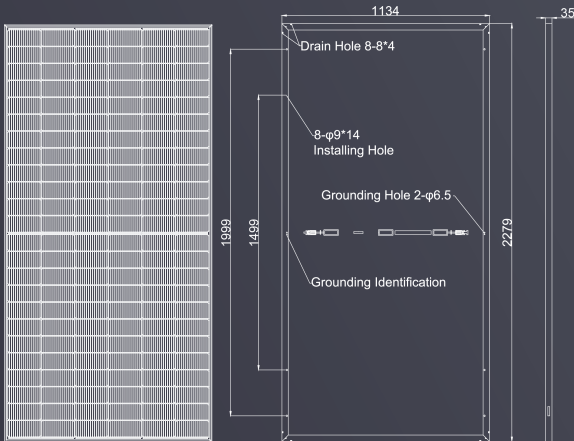


2400pa Wind Load
5400pa Snow Load

LCOE
BOS

Reduced BOS & Increased ROI

DIMENSIONS OF PV MODULE



STRUCTURAL CHARACTERISTICS

Module Size	2279x1134x35mm
Weight	26kg
Cell	single crystal N-topcon 182x91mm(144pieces)
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	LS560TC	LS565TC	LS570TC	LS575TC	LS580TC
Maximum Power (PMP)	STC 560	STC 565	STC 570	STC 575	STC 580
Open Circuit Voltage (VOC)	50.46	50.60	50.74	50.88	51.02
Short Circuit Current (ISC)	14.15	14.23	14.31	14.39	14.47
Maximum Power Voltage (VMP)	41.77	41.92	42.07	42.22	42.37
Maximum Power Current (IMP)	13.41	13.48	13.55	13.62	13.69
Component Efficiency (η)	21.75	21.86	22.06	22.25	22.44
Power Tolerance	(0, +3%)				
Maximum System Voltage	1500V DC				
Maximum Rated Fuse Current	25A				

STC: Irradiance 1000 W/m² module temperature 25°C AM=1.5

TEMPERATURE CHARACTERISTICS

Maximum Power Temperature Coefficient	-0.30 % / °C
Temperature Coefficient Of Open Circuit Voltage	-0.25 % / °C
Temperature Coefficient Of Short Circuit Current	+0.046 % / °C
Working Temperature	-40 ~ +85 °C
Nominal Operating Cell Temperature (NOCT)	45 ± 2 °C
Bifacial-Factor	80% ± 10%

PACKING METHOD

Module Size	2279x1134x35mm
Container	40' HQ
Quantity Per Pallet	31
Number Of Pallets Per Container	20
Quantity Per Container	620

I-V Curve

