

LS700-720TC

132 CELLS

MONOCRYSTALLINE MODULE

700W - 720W

POWER OUTPUT RANGE

23.18%

MAXIMUM EFFICIENCY

0 to $\pm 3\%$

POSITIVE POWER TOLERANCE

DESIGNED IN USA
MADE IN ARMENIA

30 YEAR WARRANTY

Main Characteristics



Mismatch loss reduction for maximum efficiency



Reduced power loss by minimizing the effect of shadow shading



Competitive low light performance



Two EL tests to ensure the best quality

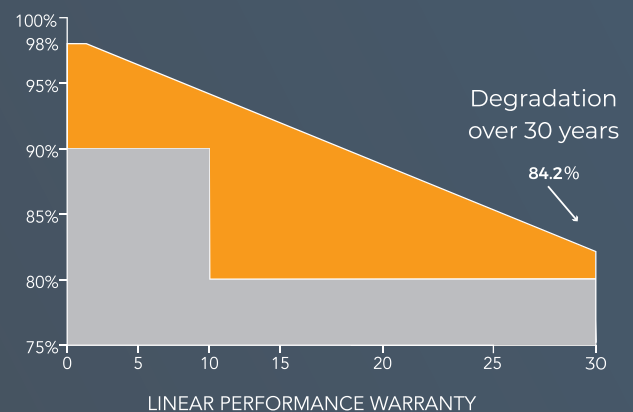
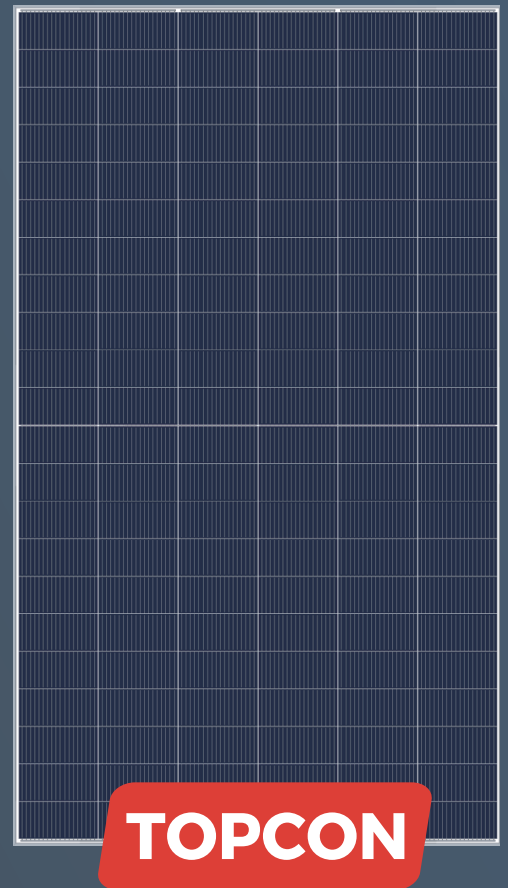


BOS's reduced and increased ROI is ideal for commercial and industrial scale projects



Proven reliability through PVEL's rigorous weatherproofing tests:

- Dust, acid, and alkali resistance, hail test
- 2400Pa wind pressure and 5400Pa snow pressure
- Anti-PID



QUALIFICATIONS AND CERTIFICATES

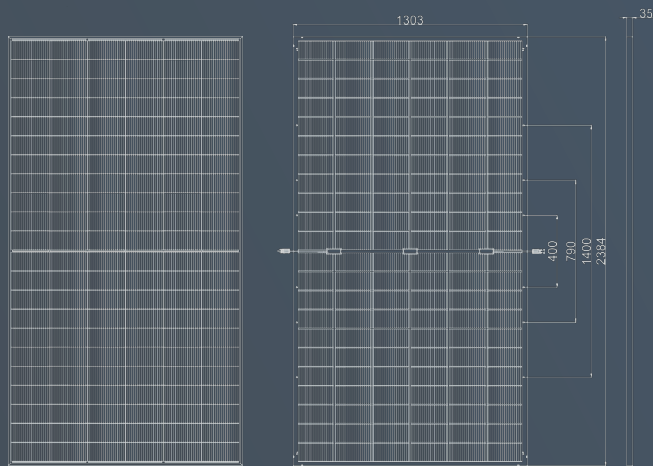


UL/IEC61215, UL/IEC61730
ANTI-PID IEC TS 62804-1:2015
ISO9001, ISO14001, ISO45001



Component Model

	STC	STC	STC	STC	STC
Maximum Power (PMP)	700	705	710	715	720
Open Circuit Voltage (VOC)	48.40	48.56	48.73	48.88	49.04
Short Circuit Current (ISC)	18.40	18.46	18.53	18.60	18.67
Maximum Power Voltage (VMP)	40.42	40.53	40.65	40.77	40.89
Maximum Power Current (IMP)	17.32	17.40	17.47	17.54	17.61
Component Efficiency (n)	22.54	22.70	22.86	23.02	23.18
Power Tolerance	(0, +3%)				
Maximum System Voltage	1500V DC				
Maximum Rated Fuse Current	35A				
STC: Irradiance 1000 W/m2 module temperature 25°C AM=1.5					



Temperature Characteristics

Maximum Power Temperature Coefficient (TC Pmax)	-0.29 % / °C
Temperature Coefficient of Open Circuit Voltage (TC Voc)	-0.25 % / °C
Temperature Coefficient of Short Circuit Current (TC Isc)	0.045 % / °C
Working Temperature	-40 ~ +85 °C
Nominal Operating Cell Temperature (NOCT)	45 ± 2 °C
Bifacial Factor	80% ± 10%

Structural Characteristics
Packing Method

Module Size	93.86 x 51.30 x 1.38 in
Container	40' HQ
Quantity Per Pallet	31
Number Of Pallets Per Container	18
Quantity Per Container	558

