

PLURAWATT TBB10x72

565-585 Watt

TOPCon Monofacial G2B



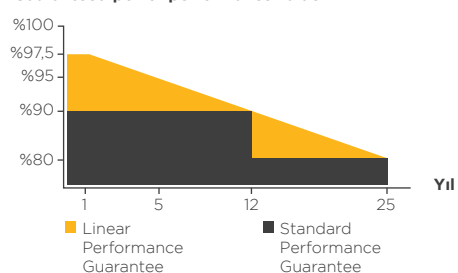
- Plurawatt modules offers fast, easy and reliable system solutions with high design features.
- Plurawatt modules offers the industry's best norms with high efficiency and positive power tolerance.
- Plurawatt TBB10x72 modules consists of 144 halfcut cells.
- Plurawatt TBB10x72 modules have Glass/Backsheet top and bottom layers.

Compliance with IEC 61215 and IEC 61730 (safety and fire test) standards has been certified by accredited institutions.

QUALITY MANAGEMENT SYSTEM

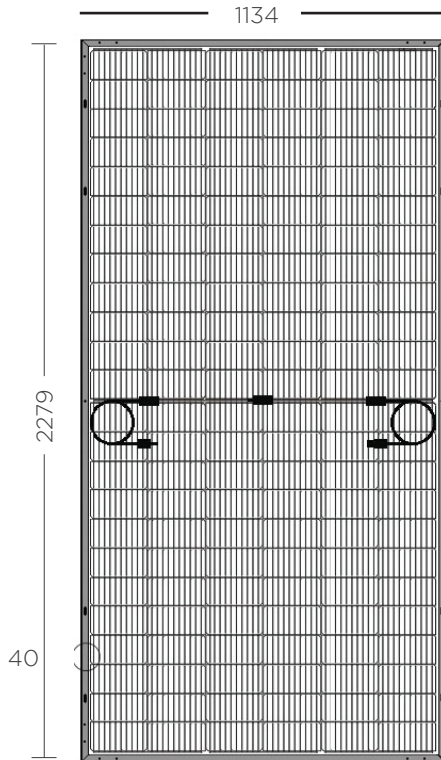
ISO 9001 - ISO 14001 - ISO 45001
IEC 61215 - IEC 61730

Guaranteed power performance value



T-Serisi
PLURAWATT TBB10x72
TOPCon Monofacial G2B

TOPCON
565-585 Watt



TEMPERATURE COEFFICIENTS

Pmax	-%0,35 °C
Voc	-%0,28 °C
Isc	+%0,053 °C
Nominal Operating Cell Temperature (NOCT*)	45 °C ±2

WARRANTY PERIODS

Mechanical	2 Years
Product	12 Years
Linear Power Output	25 Years



Minimal microcrack with new generation non-destructive cell cutting technology.



Best quality with EL test and visual inspection at 3 separate points for each.



More power output by minimizing the shadowing effect with half-cell technology.



More advantageous payback time in both field and roof applications with more power output in Watts/m².



Lower risk of hotspots and better temperature coefficients.



Maximum system output by minimizing mismatch effect.



Withstands 2400 Pa wind and 5400 Pa snow load.

ELECTRICAL CHARACTERISTICS (STC*) *STC: 1000 W/m², cell temperature = 25 °C, AM=1.5

Model	PW TBB10x72 565W	PW TBB10x72 570W	PW TBB10x72 575W	PW TBB10x72 580W	PW TBB10x72 585W
Maximum Power (Pmax) [Wp]	565	570	575	580	585
Open Circuit Voltage (Voc) [V]	50,65	50,83	51,01	51,19	51,37
Maximum Power Voltage (Vmpp) [V]	42,14	42,29	42,44	42,59	42,74
Short Circuit Current (Isc) [A]	14,09	14,15	14,21	14,27	14,33
Maximum Power Current (Imp) [A]	13,41	13,48	13,55	13,62	13,69
Fill Factor (FF)	79,18%	79,26%	79,34%	79,41%	79,48%
Module Efficiency	21,87%	22,06%	22,25%	22,45%	22,64%
Operating Temperature Range	-40°C / ±85 °C				
Maximum System Voltage	DC 1500V (IEC)				
Maximum Series Fuse Rating [A]	30A				
Safety Class	Class II				
Power Tolerance	0 / ±4,99 Wp				

MECHANICAL PROPERTIES

Cell Type	TOPCon 182.2 x 182.2 mm - 16BB / 10BB
Number of Cells	144 pieces
Module Dimensions	2279 x 1134 x 40 mm
Weight	29 kg
Glass	3.2 mm, AR coated, tempered, low-iron solar glass
Frame	Anodized aluminium
Junction Box	IP68, 3 bypass diodes (30A)
Junction Box Cables	4 mm², length 400 mm or 1400 mm
Maximum Mechanical Load	2400 Pa / 5400 Pa

