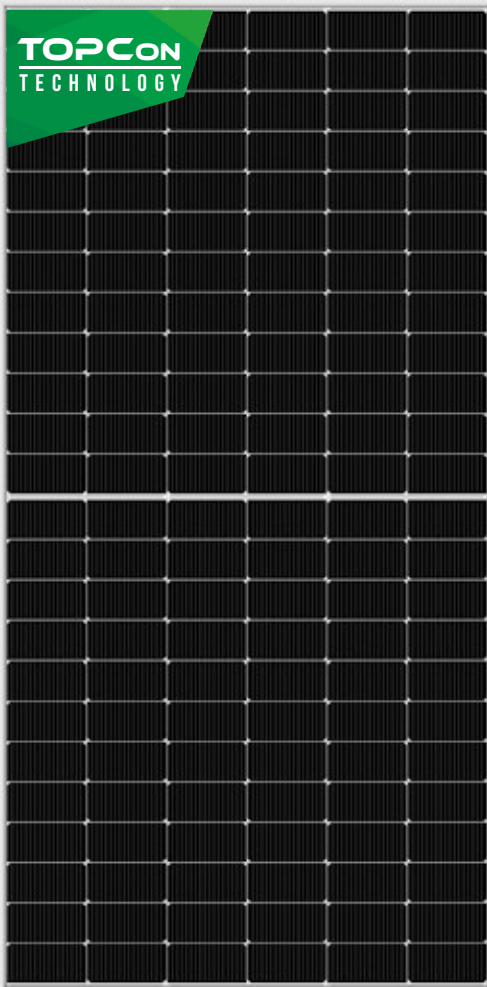


TOPCON  
TECHNOLOGY



### 16 BUSBAR SOLAR CELL

Higher module efficiency with 16 Busbar solar cell technology



### POTENTIAL INDUCED DEGRADATION RESISTANT

Panels maintain their high performance for a long time



### EXTRA HIGH OUTPUT POWER

Extra high conversion efficiency, more power production per unit area



### BETTER LOW TEMPERATURE COEFFICIENT

Less affected by the loss of efficiency caused by high temperature



### MAXIMUM SYSTEM VOLTAGE

Contributes to your budget by lowering your installation costs



### EXTRA LOW LIGHT PERFORMANCE

Produces better results even when the light is low



### POWER TOLERANCE

Positive Power Tolerance **0±4.99W**



### SALT CORROSION RESISTANT

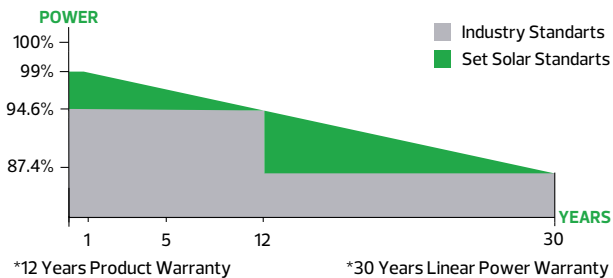
Salt resistance according to IEC 61701:2020 standards



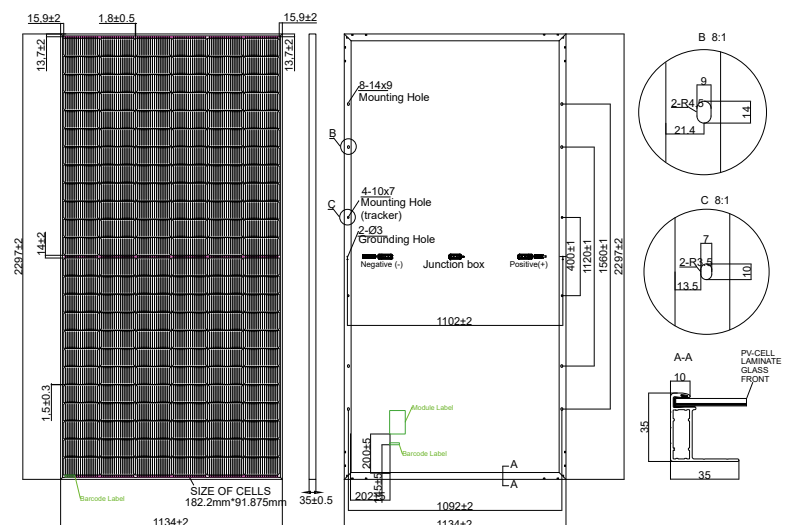
### AMMONIA CORROSION RESISTANT

Corrosion resistance according to IEC 62716:2013 standards

## LINEAR PERFORMANCE WARRANTY

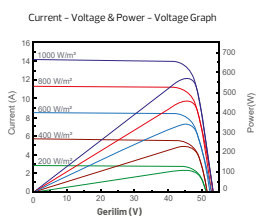


## TECHNICAL DRAWING

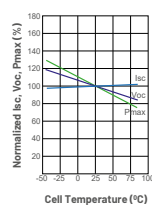


## ELECTRICAL CHARACTERISTICS

Current-Voltage & Power-Voltage Curves (600Wp)



Temperature Dependence of Isc, Voc, Pmax



MECHANICAL CHARACTERISTICS		ABSOLUTE MAXIMUM RATING	
Cell Type	M10L 16BB TOPCon Solar Cell	Mechanic Load	5400 Pa (Snow)/ 2400 Pa (Wind)
No.of Cells	182,2x91,8mm (144 pcs)	Maximum Series Fuse Rating	30 A
Dimensions	2297x1134x35mm	Application Safety Class	II
Weight	28 kg (61,73 lbs)	Fire Rating(IEC61730)	C
Glass	3.2mm (0.13 inch) Anti Reflective Coating	Module Fire Performance(UL1703)	Type1
Frame	Silver Anodized Aluminum Alloy		
Junction Box	IP 68 Rated/ Original MC4 EVO-2/QC4.10 PLUS		
Output Cables	4mm <sup>2</sup> Solar Cable; 400mm(+), 300(-)mm		

\*Cable lengths can be produced as 1500mm(+) and 1300mm(-) according to customer requests.

PACKAGING CONFIGURATION		
Module Size(mm)	Box-Truck	Box-40HQ
2297x1134x35	704 pcs./22 pallets	640 pcs./20 pallets

\*Set Solar Galvani Series M10L modules can be packed with box.

SPECIFICATIONS								
MODEL	SET72-600		SET72-605		SET72-610		SET72-615	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Rated Power (P <sub>mpp</sub> )	600	463	605	467	610	470	615	474
Rated Voltage (V <sub>mpp</sub> )	44,80	42,56	44,95	42,7	45,06	42,81	45,15	42,89
Rated Current (I <sub>mpp</sub> )	13,47	10,87	13,54	10,93	13,62	10,98	13,69	11,06
Open Circuit Voltage (V <sub>oc</sub> )	51,99	49,39	52,14	49,53	52,27	49,66	52,39	49,77
Short Circuit Current (I <sub>sc</sub> )	14,14	11,41	14,15	11,42	14,17	11,42	14,2	11,46
Module Efficiency (%)	23,03		23,23		23,42		23,62	
Power Tolerance	0~+ 4.99 W							
Maximum System Voltage	1500V DC							
Maximum Series Fuse Rating	30 A							
Operating Temperature	-40/+85 °C							
NOCT (Nominal Operating Cell Temperature)	45°C ± 2°C							
Voltage Temperature Coefficient (β)	-0.25%/ °C							
Current Temperature Coefficient (α)	+0.045%/ °C							
Power Temperature Coefficient (γ)	-0.30%/ °C							

\*STC 1000W/m<sup>2</sup>, Cell Temperature 25°C, AM=1.5

\*NOCT 800 W/m<sup>2</sup>, Ambient Temperature 20°C, AM = 1.5 Wind Speed = 1m/s

## CERTIFICATES



### HEADQUARTERS

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