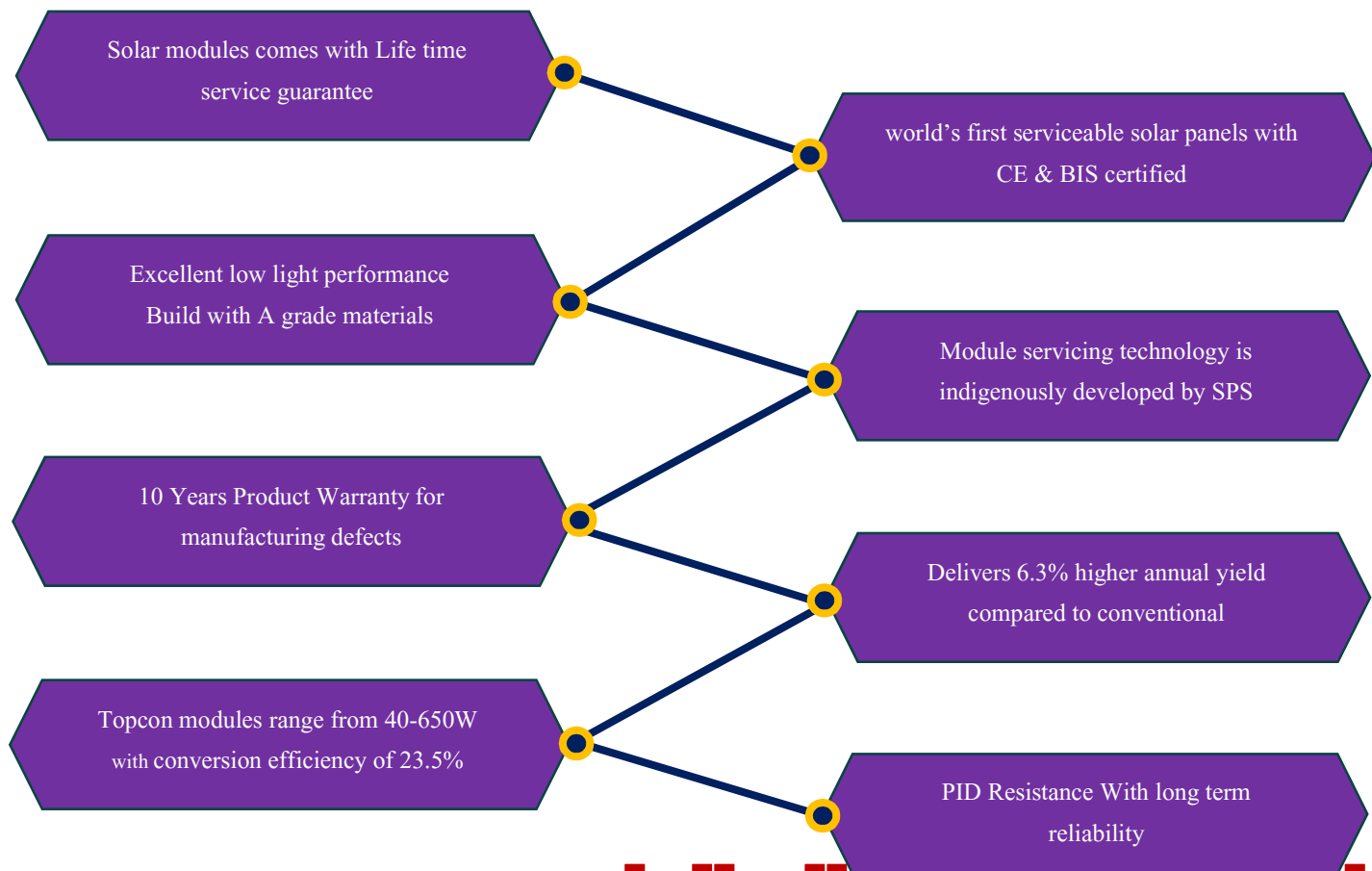




SERVICEABLE SOLAR PANELS



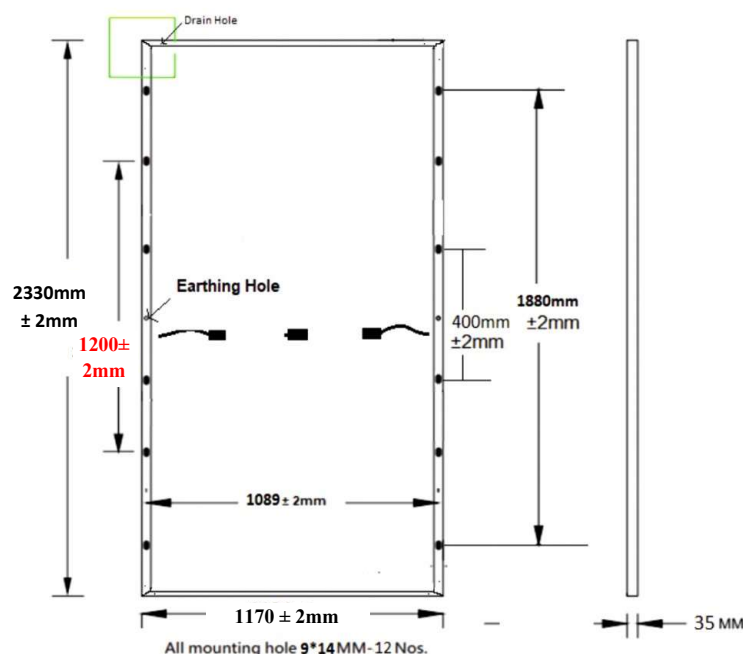
SPECIFICATION 144 CELL TOPCON HALFCUT 10BB

Electrical data at 1000 W/m², 25°C and A.M. 1.5 (STC in accordance with IEC 60904-3)

MODEL NAME	SPS144 GG 575	SPS 144 GG 580	SPS 144 GG 585	SPS 144 GG 590
Rated power at STC	575 Wp	580 Wp	585 Wp	590 Wp
Module efficiency at STC	20.24 %	22.44%	22.63%	22.84%
Open circuit voltage (Voc)	51.3 V	51.34 V	51.38 V	51.44 V
Short circuit current (Isc)	13.71 A	13.83 A	13.93 A	14.04 A
Max power voltage (Vpm)	44.03 V	44.07 V	44.12 V	44.16 V
Max power current (Ipm)	13.06 A	13.17 A	13.27 A	13.37 A

Mechanical data

Number of cells & cell	Half cut Topcon, MBB (91*182 mm)
Cell Matrix	144 (12x12)
Type dimensions (L X W X T)	2330 mm x 1170mm x 35 mm
Weight	35 Kg
Double glass	2 mm high transmission AR coated tempered glass
Junction box and panel	IP67
Cables	4 mm ² solar cables, length 400 mm
Connectors	MC4 compatible
Operating temperature range	-40°C TO 85°C
Max. System voltage	1500 VDC
Max. Reverse current	30 A
Max. Surface load capacity	5400 Pa/2400 Pa
Application Class	Class A
Electrical safety	Class II
Fire safety	Class C (Type 1)



Thermal data

Temperature coefficient open circuit voltage	-0.28% / °C
Temperature coefficient short circuit current	+0.048% / °C
Temperature coefficient rated power	-0.35% / °C
NOCT (normal operating cell temperature)	45°C ± 2°C

Corporate Office

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