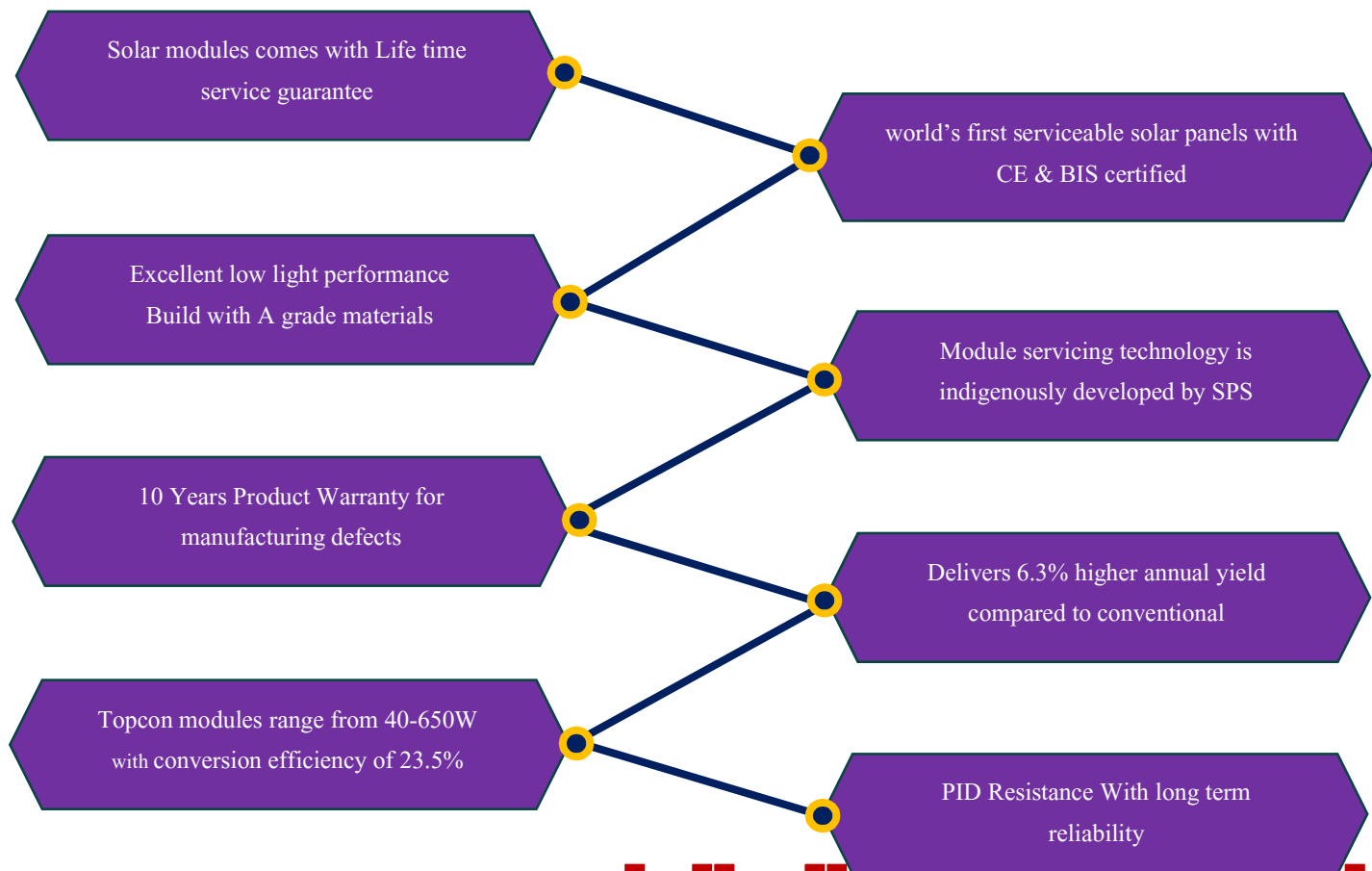




SERVICEABLE SOLAR PANELS



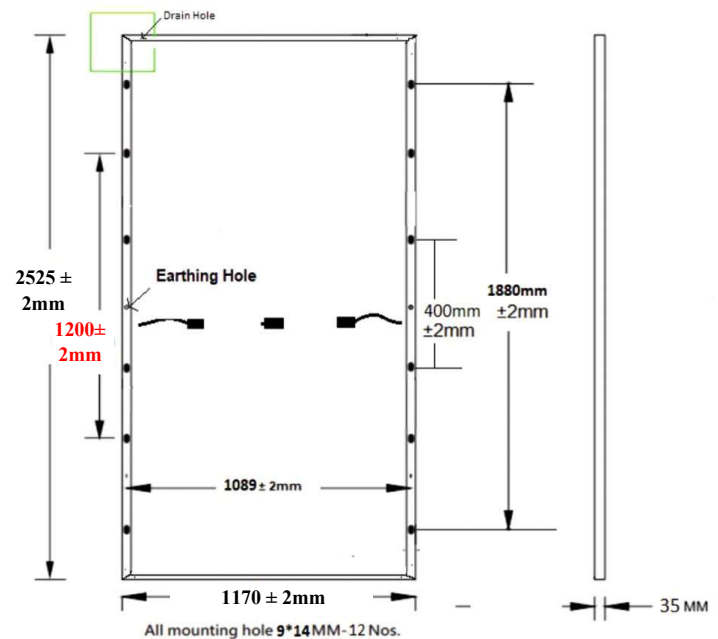
SPECIFICATION 156 CELL TOPCON HALFCUT 10BB

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

MODEL NAME	SPS 156 GG 600	SPS 156 GG 610	SPS 156 GG 620	SPS 156 GG 630	SPS 156 GG 640	SPS 156 GG 650
Rated power at STC	600 Wp	610 Wp	525 Wp	630 Wp	640 Wp	650 Wp
Module efficiency at STC	21.46 %	21.81 %	20.3 %	22.53%	22.89%	23.24%
Open circuit voltage (Voc)	54.81 V	55.11 V	55.41 V	55.71 V	56.70 V	57.00 V
Short circuit current (Isc)	13.95 A	14.09 A	14.23 A	14.37 A	14.69 A	14.83 A
Max power voltage (Vpm)	45.36 V	45.56 V	45.76 V	45.96 V	45.89 V	46.09 V
Max power current (Ipm)	13.23 A	13.39 A	13.55 A	13.71 A	13.95 A	14.11 A
Output Tolerance	0 – 2 %	0 – 2 %	0 – 2 %	0 – 2 %	0 – 2 %	0 – 2 %
Series Fuse Rating	25A	25A	25A	25A	25A	25A

Mechanical data

Number of cells & cell	Half cut Topcon, MBB (91*182 mm)
Cell Matrix	156 (12x13)
Type dimensions (L X W X T)	2525 mm x 1170mm x 35 mm
Weight	38.5 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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