



KPV ME NEC 310Wp Solar Module

The performance, quality and durability of the solar modules determine the amount of energy your system can generate over its lifetime. The KPV 310Wp solar module designed by TSS has highly efficient 60 monocrystalline cells generating maximum energy.



Cost Effective Design

- provided with a junction box for both parallel and serial connections
- no sub-array junction box and less cabling are required

5 Busbar Technology

- incorporates 5 busbar technology which enhances the efficiency of the module by lowering the electrical losses

High Temperature Performance

- improved temperature coefficient reduces power loss at high temperatures

Quality and Durability

- performs exceedingly well under low-light irradiance environments
- extremely solid aluminium frame leading to high stability
- high strength 4mm glass providing extra mechanical rigidity to the solar module

Quality standard:

- IEC 61215
- IEC 61730

Warranty

10 years product warranty

10 years performance warranty 90%

25 years performance warranty 80%

High performance solar module, maximizing efficiency, reducing cost.



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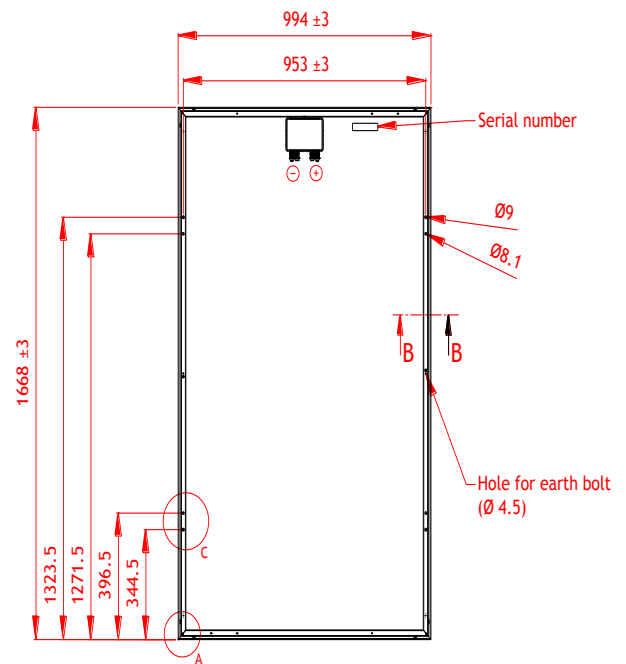
Electrical Characteristics(*STC)		
Max. Power (Pmpp)	[Wp]	310
Max. Voltage (Vmpp)	[V]	33.50
Max. Current (Impp)	[A]	9.25
Open circuit voltage	[V]	39.28
Short circuit current	[A]	9.85
Module efficiency	[%]	18.70
Nominal voltage	[V]	24

* Standard testing conditions (STC): 1,000 W/m², AM 1.5, 25 °C

Thermal characteristics		
TC P	[%/°C]	-0.37
TC Voc	[%/°C]	-0.23
TC Isc	[%/°C]	0.03
NOCT	[°C]	47±2

Additional data	
Tolerance Pmax	-0 W to +5 W
Max. mechanical load	8,000 N/m ²
Safety class	II
Junction box	JYFT
Bypass diodes	3 type Schottky
Protection class junction box	IP 65
Operating temperature	-40 °C ~ +85 °C
Cells	156 x 156 mm
Solar glass	4 mm
Frame	Anodized aluminium

Dimensions and weight	
Dimensions L x W x H	1668 x 994 x 40 [mm]
Weight	21 [kg]



REAR VIEW

