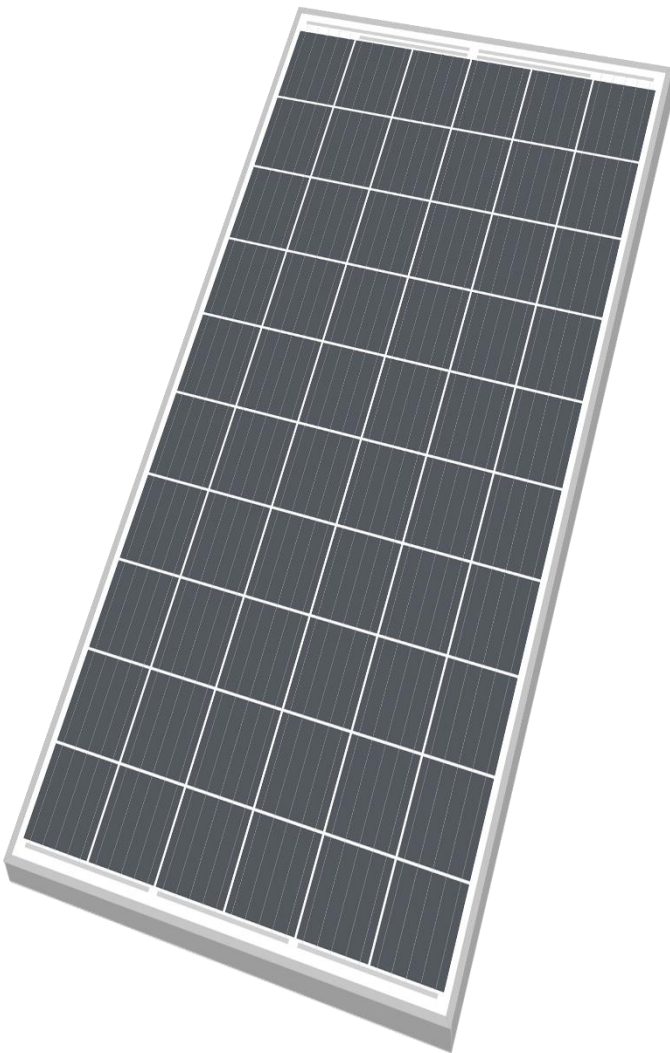


KPV ME NEC 330 Wp Solar Module

The performance, quality and durability of the solar modules determine the amount of energy your system can generate over its lifetime. The 330 Wp solar module designed by TSS has highly efficient 60 monocrystalline PERC cells generating maximum energy.



Cost Effective Design

- provided with a junction box for both parallel and serial connections inside. No use of plug and sockets required resulting in reliable and durable connections
- no sub-array junction box and less cabling are required
- in addition to MPPT charging, this module is optimized for PWM charging of batteries thus reducing losses

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

12 year product warranty

25 years linear performance warranty

High performance solar module, maximizing efficiency, reducing cost.



KPV ME NEC 330 Wp Data

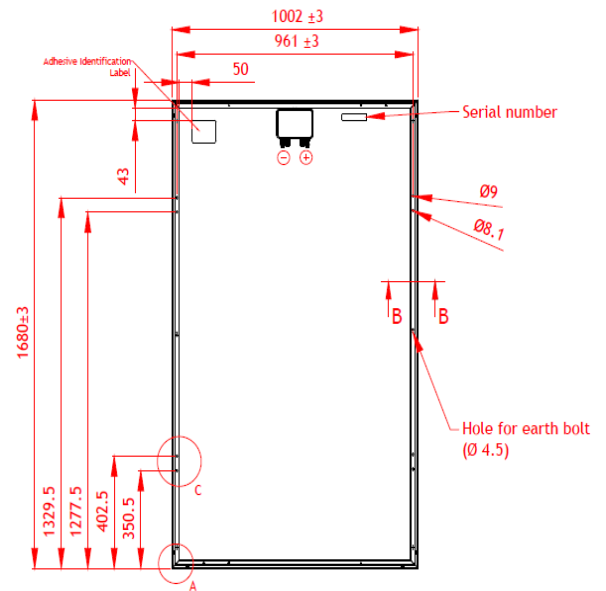
Electrical Characteristics(*STC)		
Max. Power (Pmpp)	[Wp]	330
Max. Voltage (Vmpp)	[V]	34.0
Max. Current (Impp)	[A]	9.7
Open circuit voltage	[V]	40.5
Short circuit current	[A]	10.2
Module efficiency	[%]	19.6
Nominal voltage	[V]	24

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

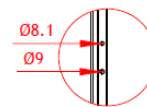
Thermal characteristics		
TC P	[%/°C]	-0.37
TC Voc	[%/°C]	-0.22
TC Isc	[%/°C]	0.03
NOCT	[°C]	47±2

Additional data	
Tolerance Pmax	-0 W to +5 W
Max. system voltage	1000 V
Max. reverse over current	15 A
Junction box	JYFT
Max. mechanical load	8000 N/m ²
Protection class junction box	IP 65
Operating temperature	-40 °C ~ +85 °C
Cells	158.75 x 158.75 mm
Solar glass	4 mm
Frame	Anodized aluminium

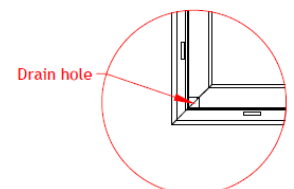
Dimensions and weight	
Dimensions L x W x H	1680 x 1002 x 40 [mm]
Weight	21.50 [kg]



REAR VIEW



DETAIL C



DETAIL A