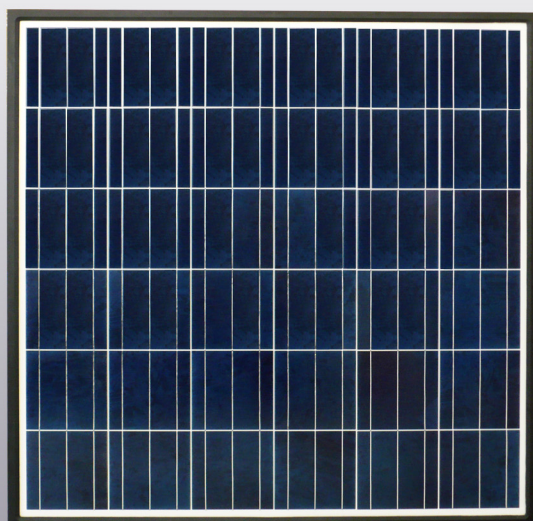




KRISTILE™ PV MODULE D140MWP



APPLICATIONS

- Roof and canopy
- Atrium
- Outdoor Carpark Shelter
- Walkway Shelter
- Façade / Curtain Wall
- Solar Green House

FEATURES

- Superior resistance against corrosion
- Polymeric Frame
- 36 cells construction
- High transparency tempered glass
- Aesthetic looking that easily blend with building structure

SPECIFICATION

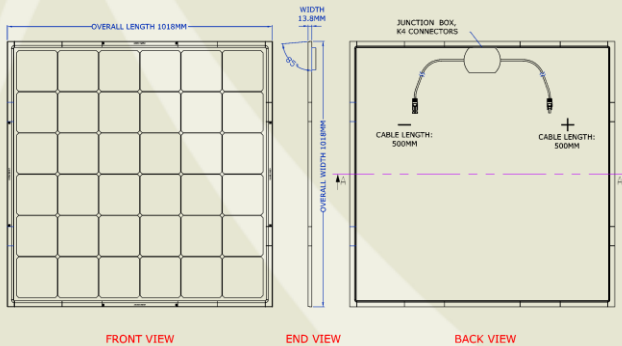
Model No.	KRISTILE D140MWP
Maximum Power (P_{MAX})	140 W
Open Circuit Voltage (V_{OC})	21.6 V
Short Circuit Current (I_{SC})	8.64 A
Voltage at Max. Power (V_{MP})	17.5 V
Current at Max. Power (I_{MP})	8.00 A
Maximum System Voltage	1000 VDC
Fuse Rating	15 A
Cell Type	Polycrystalline Silicon
No. of Cells	36
Dimension	1018mm x 1018mm x 13.8mm
Weight	11 kg
Tolerance	0% to +3%
Module Efficiency	13.5%
Superstrate (glass)	Tempered Solar Glass
No. of Bypass Diode	3
Junction Box IP Rating	IP67
Frame	Polyurethane

- Values at Standard Test Conditions STC (Air Mass 1.5, Irradiance 1000W/m², Cell Temperature 25°C)
- Specifications subject to change due to product improvement

* Warranty

- 5 years for manufacturing defects
- 10 years output performance not less than 90% of rated power
- 25 years output performance not less than 80% of rated power

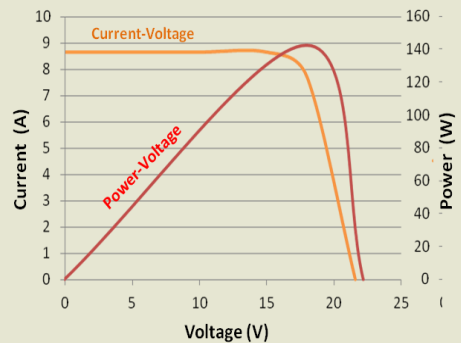
DIMENSION



TEMPERATURE COEFFICIENTS

Nominal Operating Cell Temperature (NOCT)	44±2°C
Temp. Coefficients of I_{SC} (TK I_{SC})	0.06% / °C
Temp. Coefficients of V_{OC} (TK V_{OC})	-0.444% / °C
Temp. Coefficients of P_{MAX} (TK P_{MAX})	-0.45% / °C

IV CURVE



CERTIFICATIONS

- IEC61215
- IEC61730
- TUV InterCert
- ISO 9001



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