

Electrical Specifications

	120W	130W	140W	150W	160W	175W	180W	190W	200W
Nominal Maximum Power (Pmax)	17.64	17.64	18.36	30.60	31.32	25.46	26.46	25.46	27
Optimum Operating Voltage (Vmp)	6.80	7.37	7.63	4.90	5.11	6.61	6.80	7.18	7.41
Optimum Operating Current (Imp)	21.60	21.6	21.96	36.6	37.2	31.86	32.4	31.86	32.4
Short Circuit Current (Isc)	7.34	7.9	8.21	5.26	5.42	7.21	7.34	7.8	8

Mechanical Specification

Module Dimensions (LXWXH)	1485X675X28 mm	1485X675X28 mm	1485X675X28 mm	1085X981X40mm	1085X981X40mm	1485X981X40mm	1485X981X40mm	1485X981X40mm	1485X981X40mm
Weight	11.70kg/25.79lbs	11.70kg/25.79lbs	11.70kg/25.79lbs	12.64kg/27.87lbs	12.64kg/27.87lbs	17.60kg/38.81lbs	17.60kg/38.81lbs	17.60kg/38.81lbs	17.60kg/38.81lbs
Cell Arrangement	36 (9X4)	36 (9X4)	36 (9X4)	60 (10X6)	60 (10X6)	54 (9X6)	54 (9X6)	54 (9X6)	54 (9X6)
Front Cover (Tempered Glass)	3.2mm	3.2mm	3.2mm	3.2mm	3.2mm	3.2mm	3.2mm	3.2mm	3.2mm
Encapsulate	EVA	EVA	EVA	EVA	EVA	EVA	EVA	EVA	EVA
Back Cover	Composite sheet	Composite sheet	Composite sheet	Composite sheet	Composite sheet	Composite sheet	Composite sheet	Composite sheet	Composite sheet
Junction Box	3 terminal	3 terminal	3 terminal	3 terminal	3 terminal	3 terminal	3 terminal	3 terminal	3 terminal
Mounting Holes Pitch (Y)-mm	915	915	915	630	630	915	915	915	915
Mounting Holes Pitch (X)-mm	643	643	643	938	938	938	938	938	938

* Maximum System Voltage : 1000 V * Measurement Power Tolerance on Power $\pm 3\%$, 0 / + Tolerance on Max power Available upon request.

* Under Standard Test Conditions (STC) of irradiance of 1000W/m², spectrum AM 1.5 and cell temperature of 25 °C

Other Characteristics

Junction Box : Weather proof Nylon 6
 Type of Cell : Mono / Multi Crystalline Silicone
 Temp. Coefficients : Coefficient of Current (α) - (0.060 %/°C)
 Coefficient of Voltage (β) - (-0.35 %/°C)
 Coefficient of Power (λ) - (-0.45%/°C)

* Certification : Complied to IEC 61215, 61730-1, 61730-2 & 61701, UL1703, MNRE Approved.

* All Modules of 120Wp & Above are supplied with screw-less hollow section frames.

* Due to constant product modifications, SONALI SOLAR reserves the right to amend.

* Warranty : Up to 10 Years Limited Product Warranty

Tested Operating Conditions:

Temperature Cycling Range : (-40°C~+85°C)
 humidity Freeze, Damp Heat : 85 % RH

Mounting Details

All dimensions in mm and tolerances ± 2 mm

