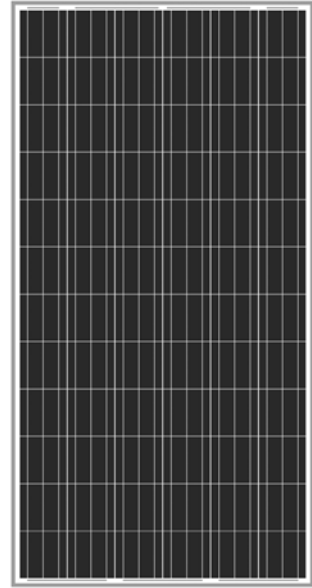
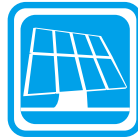
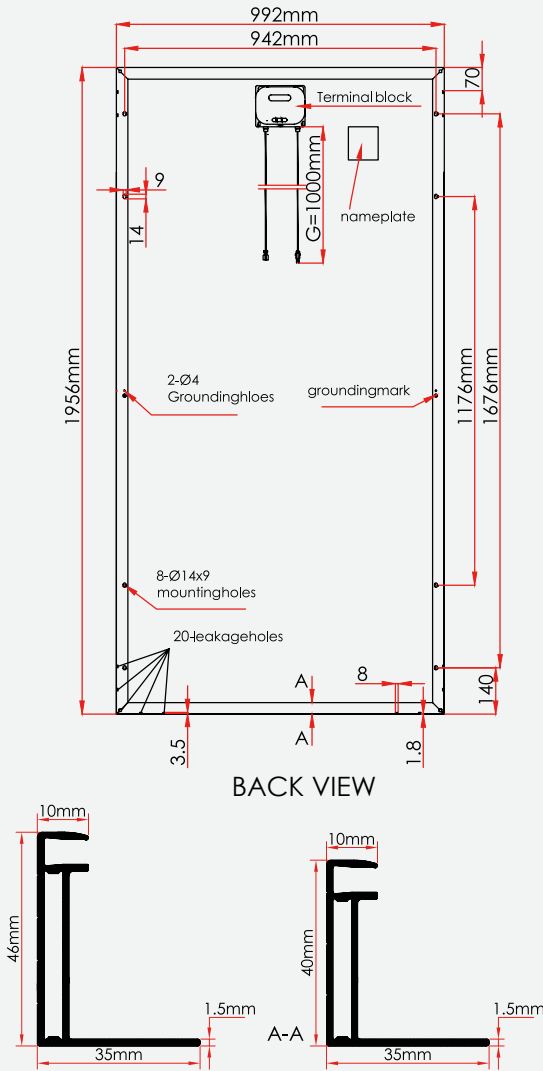


SWM310P156

THE Yak [®] MODULE



DIMENSIONS OF PV MODULE SWM310M156



Ideal for large scale installations

- High power footprint reduces installation time and BOS costs



One of the industry's most trusted modules

- Field proven performance
- Strong, reliable supplier



Certified to withstand challenging environmental conditions

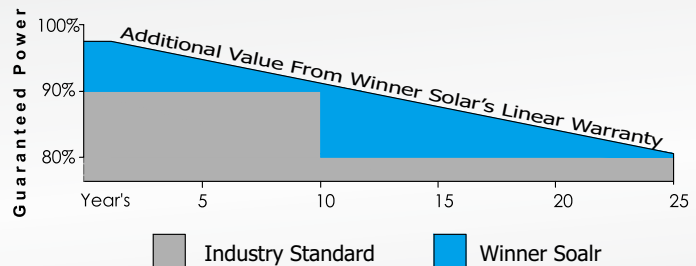
- 2400 Pa wind load
- 5400 Pa snow load
- 25mm hail stone at 82 km/hr



Maximize Limited Space
72-cell module power output up to 315W

LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty · 25 Year Linear Power Warranty



Certificates



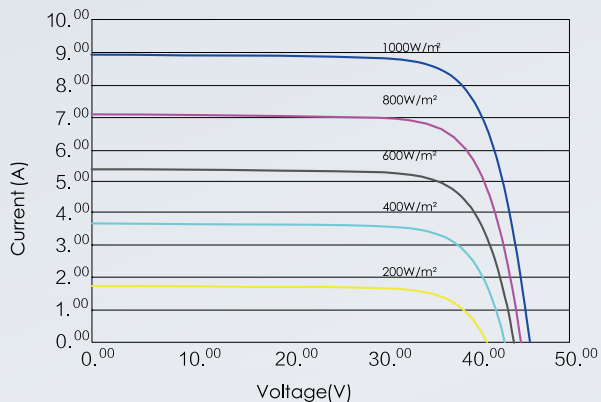
ELECTRICAL DATA @ STC	SWM305P156	SWM310P156	SWM315P156
Peak Power Watts P_{MAX} (Wp)	305	310	315
Power Output Tolerance P_{MAX} (%)	+3	+3	+3
Maximum Power Voltage V_{MP} (V)	36.8	37.0	37.2
Maximum Power Current I_{MPP} (A)	8.30	8.38	8.48
Open Circuit Voltage V_{OC} (V)	45.6	45.9	46.2
Short Circuit Current I_{SC} (A)	8.91	8.96	9.01
Module Efficiency η_m (%)	15.7	16.0	15.2

Values at Standard Test Conditions STC (Air Mass AM1.5, Irradiance 1000W/m², Cell Temperature 25°C)

ELECTRICAL DATA @ NOCT	SWM305P156	SWM310P156	SWM315P156
Maximum Power P_{MAX} (Wp)	225	230	233
Maximum Power Voltage V_{MP} (V)	34.0	34.4	34.7
Maximum Power Current I_{MPP} (A)	6.62	6.68	6.71
Open Circuit Voltage V_{OC} (V)	42.4	42.7	42.8
Short Circuit Current I_{SC} (A)	7.21	7.26	7.28

NOCT: Irradiance at 800W/m², Ambient Temperature 20°C, Wind Speed 1m/s

I-V CURVES OF PV MODULE SWM310P156



Average efficiency reduction of 4.5% at 200W/M² according to EN 60904-1.

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Note: Please read the safety and installation instructions before using the product.

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Any relevant change of specifications in the data sheet shall be subject to actual products.

MECHANICAL DATA

Solar Cells	Multi-crystalline 156 × 156mm (6 in)
Cell Orientation	72 cells (6×12)
Module Dimensions	1956×992×40mm (62.2×41.89×1.57 in)
Weight	22kg (48.50 lb)
Glass	High transparency solar glass 4.0mm (0.16 in)
Frame	Anodized aluminium alloy
J-Box	IP 65 rated
Cables	Photovoltaic technology cable 4.0mm ² (0.0062 in ²)
Connector	Original MC4 PLUS

TEMPERATURE RATINGS

Nominal Operating Cell Temperature (NOCT)	45°C (±2°C)
Temperature Coefficient of P_{MAX}	- 0.43% / °C
Temperature Coefficient of V_{OC}	- 0.32% / °C
Temperature Coefficient of I_{SC}	0.04% / °C

MAXIMUM RATINGS

Operational Temperature	-40°C ~ +85°C	10 Year Product Workmanship Warranty
Maximum System Voltage	1500V DC (IEC) / 1000V DC (UL)	
Max Series Fuse Rating	15A	25 Year Linear Power Warranty

WARRANTY

PACKAGING CONFIGURATION	20' GP	40' GP	40' HQ
Quantity/Pallet	26	26	28
Pallet Quantity	10	22	22
Total Pcs	260	572	616