

Polycrystalline 72 cells

# SATURN



Guaranteed positive output tolerance of 0 ~ +5 Wp by single measuring



3.2 mm anti-reflective glass



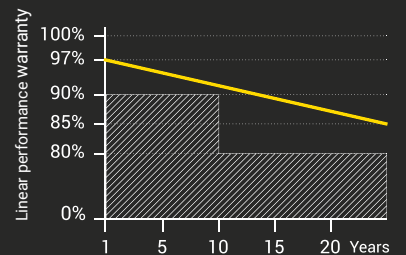
Maximum stability through aluminium soft grip frame



Maximum 5400 Pa snow load



15 years manufacturer's warranty  
25 years linear performance guarantee



SILVER | WHITE

## OUTPUT: 330 - 350 WATT

SATURN high efficiency polycrystalline 72 cell modules, fits all purposes from residential and commercial installations to utility scale projects. Providing a good performance under different weather conditions, SATURN series features a 40 mm silver anodized aluminium frame, which combines robustness to light weight and a 3.2 mm anti-reflective glass which is optimizing the panel performance to solar irradiance.



power for a better world

Test uncertainty for Pmax: ±3 %  
Voc and Isc Tolerance: ±3 %

STC	A-P330/72	A-P340/72	A-P350/72
Maximum Power (Pmax) (W)	330	340	350
Open Circuit Voltage (Voc) (V)	46,11	46.42	47.06
Short Circuit Current (Isc) (A)	9.43	9.50	9.63
Voltage at Maximum Power (Vmpp) (V)	37.41	37.78	38.32
Current at Maximum Power (Impp) (A)	8.90	9.00	9.13
Module Efficiency (%)	16.63	17.13	17.64

STC (Standard Testing Condition): Irradiance 1000 W/m<sup>2</sup>, Cell Temperature 25 °C, Spectra at AM 1.5

Electrical Parameters at NOCT	A-P330/72	A-P340/72	A-P350/72
Maximum Power (Pmax) (W)	248	252	260
Open Circuit Voltage (Voc) (V)	43.43	43.63	44.01
Short Circuit Current (Isc) (A)	7.46	7.53	7.68
Voltage at Maximum Power (Vmpp) (V)	35.40	35.59	35.94
Current at Maximum Power (Impp) (A)	7.01	7.08	7.23

NOCT (Nominal Operating Cell Temperature): Irradiance 800 W/m<sup>2</sup>, Ambient Temperature 20 °C, Spectra at AM 1.5, Wind at 1 m/s

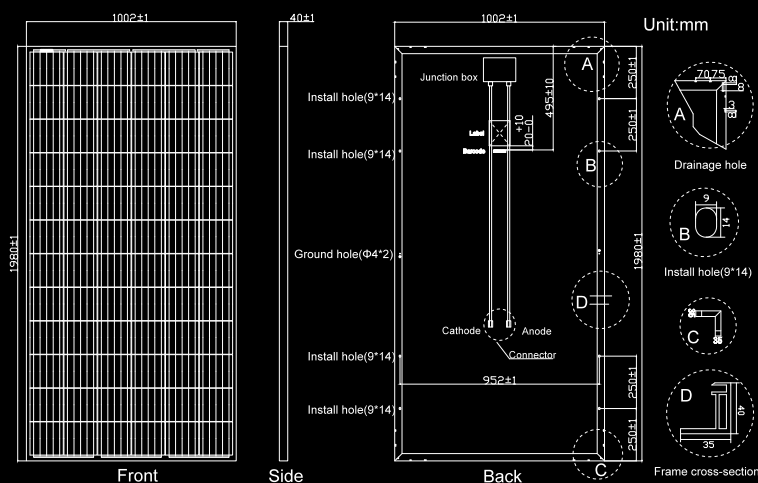
Temperature Characteristics	
Pmax Temperature Coefficients (W / °C)	-0.36 % / °C
Voc Temperature Coefficients (V / °C)	-0.29 % / °C
Isc Temperature Coefficients (A / °C)	+0.05 % / °C
Noct Nominal Operating Cell Temperature (°C)	45 ±2 °C

Operating Conditions	
Operating Module Temperature	-40 °C ~ +85 °C
Maximum System Voltage	1500 V
Maximum Series Fuse Rating	20 A
Power Tolerance	0 ~ +5 W
Maximum Static Load Front	5400 Pa
Maximum Static Load Back	2400 Pa
Application Class	Class A

Specifications	
Cell Type	Poly G1 158.75
Weight	21.3 kg ±3 %
Dimensions	1980x1002x40 mm (±2 mm)
Cable Cross Section Size	4 mm <sup>2</sup> , cable approx 110 cm, QC4 compatible
No. of cells	72 (6x12)
Junction Box	IP67, 3 diodes
Frame	Silver anodized aluminium
Front glass	3.2 mm high transmission, low iron, tempered glass

Packing Details	
Container Type	40'HC
No. of Pallets	22
Pieces per Pallet	27
Total quantity of modules	594

(1980x1002x40)



I-V Curve: (A-P340)

