

CERTIFICATION:

- ISO 9001
- Testing Standards UL1703



FEATURES:

- High power module using 5" Single crystalline solar cell.
- 72 solar cells and connection in series.
- Using optical low iron tempered glass, EVA resin, module for outdoor use and grid tie.



ATI high efficiency module size is easy to handle and specifically designed for large and small scale grid interactive applications.

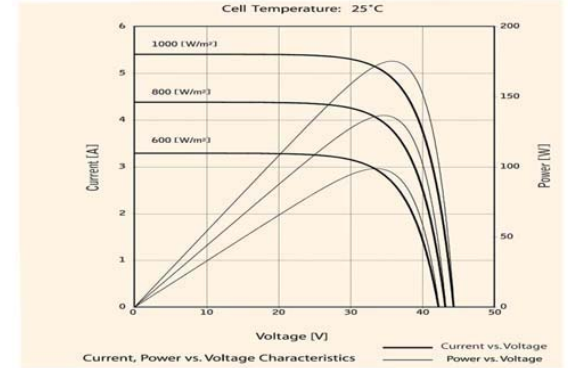
ATI 's module uses state of the art multicrystalline technology with a Silicon Nitride (SiN) coating that enhances cell efficiency. Encapsulation beneath high transmission tempered glass is accomplished using an advanced, UV resistant thermal setting plastic. The encapsulant, ethylene vinyl acetate, cushions the solar cells within the laminate and protect the cells from etching. The rear surface of the module is completely sealed from moisture and mechanical damage by a continuous high strength polymer sheet.

ATI 's module incorporates a reinforced anodised aluminium frame, designed to meet ATI's High Quality Standards for corrosion resistance.

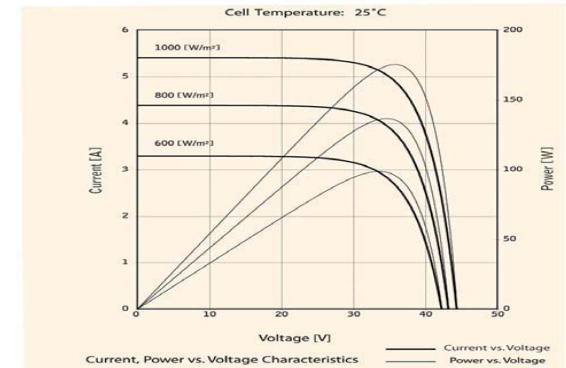
• Limited warranty : 25 years

Specification

Type Of Module	ATI-170						
Maximum Power (TOL±3%)	W	190	185	180	175	170	165
Maximum Power Voltage	V	36.86	36.79	36.72	36.63	36.43	36.14
Maximum Power Current	A	5.15	5.03	4.9	4.78	4.67	4.57
Open circuit Voltage	V	44.21	44.14	44.06	43.99	43.92	43.78
Short circuit Current	A	5.49	5.43	5.31	5.17	5.06	4.96
Module Efficiency	%	14.61	14.23	13.84	13.46	13.07	12.69
No. and Type of Cell	pcs	72 pcs Single-crystalline solar cells ; 125x125mm					
Maximum System Voltage	V	UL1730:600VDC & IEC61215:1000VDC					
Junction Box		IP 65 with 3 bypass diodes ; cables Ø4mm					
Series Duse Rating	A	10A					
Operating Temperature	°C	-40 to +85					
Mechanical Ratings	Pa	2400 Pa					
Dimensions	mm	825x1576x50(32.48"x62.04"x1.96")					
Weight	kg	18kg(40.50lbs)					
STC : Irradiance level 1000 W/m ² ; Spectral AM 1.5 ; Cell temperature 25°C	NOCT. 47±2°C	Temperature coefficient of Ise		0.04%°C			
		Temperature coefficient of Voc		-0.33%°C			
10 years power 90% output warranty 25 years power 80% output warranty	Product guarantee of 5 years	Temperature coefficient of Pmax		-0.37%°C			



Temperature coefficient of Ise: 3.25mA/
 Temperature coefficient of Voc: -30.94mV/
 Power temperature coefficient: -0.55%/°C



Specifications are subject to change without notice.
 Standard Test Conditions : 25°C, 1KW/m², AM1.5
 Pacific Test Conditions : 20°C, 1KW/m², AM1.5 1m/s wind Speed

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