



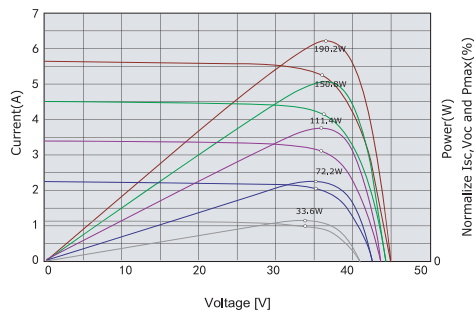
PHOTOVOLTAIC MODULES

ATSCOP36GW-190W

Electrical Characteristics at 'STC	190Wp
STC Power Rating	190W/ 24V
Maximum Power Voltage (Vmp)	35.6V
Maximum Power Current (Ipm)	5.34A
Open Circuit Voltage (Voc)	44.2V
Short Circuit Current (Isc)	5.7A
Max. System Voltage	DC 1000V
Safety Class	II
Measuring Tolerance	± 5

[*STC- Standard Test Conditions : Spectrum Am. 1.5
irradiance 1000W/m² - Module Temperature 25 °C at air mass]

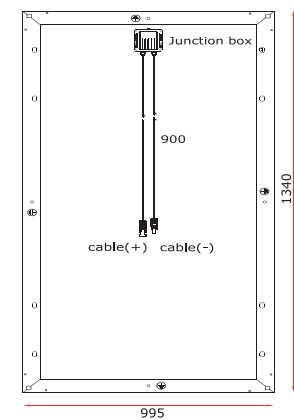
Electrical performance
(cell temperature:25°C)



Mechanical Characteristics	190Wp
Cell Type	Poly
Cell Quantity	72 (6x12)
Module Dimension	995x1340 mm
Module Weight	17.3 Kg
Operation Temperature	-40 °C ... +80 °C
Maximum Strength	5.400 N/m ²

Temperature Characteristics	190Wp
Power Temperature Coefficient (%/K)	-0.5 ±0.05
Current Temperature Coefficient Isc (%/K)	+0.053 ±0.01
Voltage Temperature Coefficient (mV/ K)	-78 ±10

Warranties	
ISO 9001:2008 Certificate	
Preparation for IEC 61215 Edition II	
CE Marking (Low Voltage Directive)	
TSE Certificate	
Protection Safety Class II	



FRAME



J-BOX



MODULE STRUCTURE

