



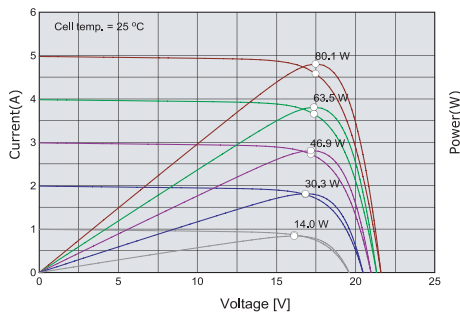
## PHOTOVOLTAIC MODULES

# ATSCOP36GW-100W

Electrical Characteristics at 'STC	100Wp
STC Power Rating	100W/ 12V
Maximum Power Voltage (Vmp)	17.8V
Maximum Power Current (Ipm)	5.62A
Open Circuit Voltage (Voc)	22.3V
Short Circuit Current (Isc)	6.40A
Max. System Voltage	DC 1000V
Safety Class	DC 1000V
Measuring Tolerance	II

[1]STC- Standard Test Conditions : Spectrum Am. 1,5  
irradiance 1000W/m<sup>2</sup> - Module Temperature 25 °C at air mass

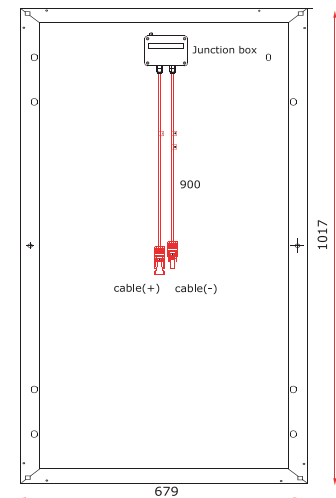
Electrical performance  
(cell temperature: 25 °C)



Mechanical Characteristics	100Wp
Cell Type	Poly
Cell Quantity	36 (4x9)
Module Dimension	679x1017 mm
Module Weight	10.5 Kg
Operation Temperature	-40 °C ... +80 °C
Maximum Strength	5.400 N/m <sup>2</sup>

Temperature Characteristics	100Wp
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

