



SUNERGY

SUNERGY USA WORKS LLC

Model :	
Polycrystalline silicon solar module	SUN100-36P
Specification:	
Cell	Monocrystalline silicon solar cells 156*104mm
No. of cells and connections	36(9*4)
Dimension of module (mm)	1020x670x30mm
Weight	7.5kg
Limits	
Operating temperature	-40 to+85°C
Maximum system voltage	600 V DC
Temperature and Coefficients	
Nominal Operation Cell Temperature	48°C±2°C
Current temperature coefficient (%/k)	0.06±0.01
Voltage temperature coefficient (mV/k)	-(155±10)
Power temperature coefficient (%/k)	-(0.5±0.05)
Characteristics	
Model	SUN100-36P
Module efficiency	14.78%
Tolerance	0~+3%
Open circuit voltage (Voc)	21.60V
Optimum operating voltage (Vmp)	17.70V
Short circuit Current (Isc)	6.04A
Optimum operating current (Imp)	5.65A
Maximum power at STC (Pm)	100Wp

Note: Test condition are STC Irradiance 1000W/m² with AM 1.5 spectrum, cell temperature 25°C, Test method according to IEC 904-1, Tolerance Efficiency 5% rel.

* These columns list typical value of production performance. Just for reference.