



SUNERGY

SUNERGY USA WORKS LLC

Model :	
Polycrystalline silicon solar panel	SUN30-36P
Specification:	
Cell	Polycrystalline silicon solar cells
Solar Cell Efficiency	18.60%
No. of cells and connections	36(4*9)
Dimension of module (mm)	650*350*25mm
Weight	2.4kg
Limits	
Operating temperature	-40 to+85°C
Maximum system voltage	1000V 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	SUN30-36P
Tolerance	plus
Open circuit voltage (Voc)	22.7V
Optimum operating voltage (Vmp)	18.4V
Short circuit Current (Isc)	1.73A
Optimum operating current (Imp)	1.63A
Maximum power at STC (Pm)	30Wp

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.