



# 125\*125mm 60 cells HSG190W POLYCRYSTALLINE SOLAR PANEL

ITEM NO	HSG190-72P
MONO or POLY	Poly
Maximum power (Wp)	190wp
Maximum power voltage (V)	37.44
Maximum power current (A)	5.08
Open circuit voltage (V)	44.86
Short circuit current (A)	5.68
Number of cells (Pcs)	72
Size of module (mm)	1580*808*35
Maximum system voltage (V)	1000
Temperature coefficients of Isc (%)	0.037%/ °C
Temperature coefficients of Voc (%)	-0.34% / °C
Temperature coefficients of Pm (%)	-0.48%/ °C
Temperature coefficients of Im (%)	+0.1/ °C
Temperature coefficients of Vm (%)	-0.38/ °C
Temperature Range	-40°C ~+85°C
Tolerance Wattage	0,+3%
Surface Maximum Load Capacity	60m/s(200kg/sq.m)
Allowable Hail Load	steel ball fall down from 1m height
Weight per piece (kg)	15
Length of Cables (mm)	900
Cell Efficiency (%)	> 17.3%
Module Efficiency (%)	> 14.88%
Output tolerance (%)	-0,+3%
Frame (Material, Corners, etc.)	Aluminum-6063 T5
Standard Test Conditions	AM1.5 1000w/m <sup>2</sup> 25 °C
Static Loading	5400Pa
Warranty	10 years product warranty and 25years 80% of power
FF (%)	74.56%
Packing	30PCS/ CTN