

## EcoGreen @SG

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### 1. Solar Panel Electrical Technical Data : Poly Crystalline

Model NO	<b>SYK120-18P</b>	
Peak Power (Pmax)	(W):	120
Production Tolerance	(%):	±3
Open Circuit Voltage (Voc)	(V):	21.6
Short Circuit Current (Isc)	(A):	7.33
Maximum Power Voltage (Vmp)	(V):	18
Maximum Power Current (Imp)	(A):	6.67
Maximum System Voltage	(VDC):	1000
Solar Cell Type	Poly	
All technical data at standard test condition		
AM=1.5 E=1000W/M <sup>2</sup> Tc=25 C		
Performance warranty: 90% output for 12years and 80% output for 25years		

### 2. Solar Panel Physical Characteristics :

Operating Temperature Range	- 40°C ~ +85°C
Wind Resistance	2400Pa
Allowable Hail Load	225G steel ball fall down from 1M height
Surface Maximum Load Capacity	60m/s ( 200kg /sq.m)

### 3. Solar Panel Size&Packing:

Length	1480mm/58.26"
Width	680mm/26.78"
Depth	35mm/1.38"
Weight Per Piece	12KGS
Outer Packing Size (2PCS/CTN)	1540*730*105mm
Total Packing N.W	24KGS
Total Packing G.W	27KGS

