

125×125 mono cell

85 - 90Wp solar panel

TEM NO	HG-85S	HG-90S
MONO or POLY	Mono	Mono
Maximum power (Wp)	85wp	90wp
Maximum power voltage (V)	17.8	17.8
Maximum power current (A)	4.8	5.06
Open circuit voltage (V)	22.2	21.6
Short circuit current (A)	5.15	5.56
Number of cells (Pcs)	36	
Size of module (mm)	1105x540x24mm / (125x125mm cell)	
Brand Name of Solar Cells		
Maximum system voltage (V)	715VDC	
Temperature coefficients of Isc (%)	+0.11/°C	
Temperature coefficients of Voc (%)	-0.28/°C	
Temperature coefficients of Pm (%)	-0.47/°C	
Temperature coefficients of Im (%)	+0.11/°C	
Temperature coefficients of Vm (%)	-0.28/°C	
Temperature Range	-40°C ~ +85°C	
Tolerance Wattage (e.g. +/-3%)	+/-5%	
Surface Maximum Load Capacity	2400Pa	
Allowable Hail Load	steel ball fall down from 1m height	
Weight per piece (kg)	8.6	
Junction Box Type	QC/0506-1	
Connectors and Cables Type	2 Pcs 1160 1x4mm ²	
Length of Cables (mm)	1000mm	
Cell Efficiency (%)	~15.0%	
Module Efficiency (%)	~12.5%	
Output tolerance (%)	+/-5%	
Frame (Material, Corners, etc.)	Aluminum	
Backing (Brand, type)		
Cell casement		
Standard Test Conditions	AM1.5 100mW/cm2 25°C	
Warranty	2.5 years life and 20years 80% of power	
FF (%)	~70%	
Packing	5pcs/ctn 400pcs/20fcl	
Unit Price		