

Peak to Peak Power, Inc. POB 1786 Land O Lakes, FL 34639 P 813-996-5230 F 813-996-3222



Module Part number	HG-40S	HG-45S
MONO or POLY	Mono	Mono
Maximum power (Wp)	40wp	45wp
Maximum power voltage (V)	17.8	17.8
Maximum power current (A)	2.25	2.53
Open circuit voltage (V)	21.6	21.6
Short circuit current (A)	2.50	2.82
Number of cells (Pcs)	18	24
Size of module (mm)	633×536×34 mm	830×536×34 mm
Maximum system voltage (V)	715VDC	
Temperature coefficients of Isc (%)	+ 0.1%	
Temperature coefficients of Voc (%)	-0.38%	
Temperature coefficients of Pm (%)	-0.47%	
Temperature coefficients of Im (%)	+0.1%	
Temperature coefficients of Vm (%)	-0.38%	
Temperature Range	-40 to +85 Degrees 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)	4.5 / 5.8	
Junction Box Type	QC/0506-1	
Cell Efficiency (%) / Module Efficiency (%)	14% / 11.6%	
Output tolerance (%)	+/-5%	
Frame (Material, Corners, etc.)	Aluminum	
Standard Test Conditions	AM1.5 100mW/cm2 25°C	
Warranty	25 years life and 20years 80% of power	
Fill Factor (%)	≥72%	
Packing	5pcs/ctn 400pcs/20fcl	

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