

HQ5P-HQ40P SERIES HQ5M-HQ40M SERIES



MONO

STC	5W	10W	20W	30W	40W
Voltage at Maximum Power (V_{mpp})	18.57V	18.57V	18.82V	18.57V	18.57V
Current at Maximum Power (I_{mpp})	0.27A	0.54A	1.08A	1.62A	2.15A
Long(mm)	295	295	430	430	410
Wide(mm)	160	295	430	540	670
Heights(mm)	17	17	20	25	25
Weight(kg)	0.63	1.30	2.10	3.30	3.30

STC: Irradiance 1000 W/m², module temperature 25 °C, AM=1.5;
Best in Class AAA solar simulator (IEC 60904-9) used, power measurement uncertainty is within +/- 3%

Mechanical Characteristics

Solar Cell	156x156mm (6inches)
No. of Cells	36(4*9)
Dimensions	
Weight	
Front	Glass 3.2 mm tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP65
Output Cables	
Connectors	
Mechanical load test	5400Pa

Operating Module Temperature	-40 °C to +85 °C
Maximum System Voltage	600VDC
Maximum Series Fuse Rating	10A
Power Tolerance	0/+5W

Temperature Characteristics

Nominal Operating Cell Temperature (N_{OC1})	45±2°C
Temperature Coefficient of P_{max}	-0.44 %/°C
Temperature Coefficient of V_{oc}	-0.33 %/°C
Temperature Coefficient of I_{sc}	0.055 %/°C

Packing Configuration

Container	20' GP	40' GP
Pieces per pallet		
Pallets per container		
Pieces per container		

POLY

STC	5W	10W	20W	30W	40W
Voltage at Maximum Power (V_{mpp})	18.2V	18.2V	18.2V	17.2V	19.5V
Current at Maximum Power (I_{mpp})	0.27A	0.55A	1.10A	1.75A	2.05A
Long(mm)	320	290	475	410	450
Wide(mm)	200	355	355	670	670
Heights(mm)	17	17	25	25	25
Weight(kg)	0.63	1.30	2.10	3.50	3.80

