

HQ50P-HQ90P SERIES HQ50M-HQ90M SERIES



MONO

STC	50W	60W	70W	80W	90W
Voltage at Maximum Power (V_{mpp})	18.57V	17.95V	18.50V	18.87V	18.12V
Current at Maximum Power (I_{mpp})	2.72A	3.36A	3.82A	4.24A	4.96A
Long(mm)	540	845	760	760	1200
Wide(mm)	630	545	670	670	540
Heights(mm)	25	30	30	30	30
Weight(kg)	4.10	4.80	6.10	6.80	8.10

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_{OCT})	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	50W	60W	70W	80W	90W
Voltage at Maximum Power (V_{mpp})	17.5V	18.0V	18.5V	19.8V	17.3V
Current at Maximum Power (I_{mpp})	2.85A	3.36A	3.82A	4.04A	5.20A
Long(mm)	540	670	760	840	1200
Wide(mm)	670	670	670	670	540
Heights(mm)	25	30	30	30	30
Weight(kg)	4.10	5.70	6.10	6.80	8.10

