

HQ100P-HQ150P SERIES HQ100M-HQ150M SERIES



MONO

STC	100W	120W	150W
Voltage at Maximum Power (V_{mpp})	18.78V	18.22V	18.99V
Current at Maximum Power (I_{mpp})	5.34A	6.59A	7.89A
Long(mm)	1200	1210	1480
Wide(mm)	540	808	680
Heights(mm)	35	35	35
Weight(kg)	8.30	11.20	11.50

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_{OCIT})	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	100W	110W	120W	150W
Voltage at Maximum Power (V_{mpp})	17.2V	17.2V	17.3V	17.2V
Current at Maximum Power (I_{mpp})	5.82A	6.39A	6.93A	8.72A
Long(mm)	1010	1110	1230	1480
Wide(mm)	670	670	670	680
Heights(mm)	35	35	35	35
Weight(kg)	8.30	8.70	9.80	11.30

