

HQ150M(150W-165W)SERIES HQ150P(145W-160W)SERIES



MONO

STC	150W	155W	160W	165W
Maximum Power (P _{max})	150W	155W	160W	165W
Open Circuit Voltage (V _{oc})	22.30V	22.50V	22.70V	22.80V
Short Circuit Current (I _{sc})	8.87A	9.09A	9.17A	9.28A
Voltage at Maximum Power (V _{mpp})	18.10V	18.20V	18.40V	18.50V
Current at Maximum Power (I _{mp})	8.31A	8.52A	8.72A	8.91A
Module Efficiency (%)	15.13%	15.63%	16.14%	16.64%

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	1480× 670 × 35mm
Weight	10.5 kgs
Front	Glass 3.2 mm tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP65/IP67 rated (2 bypass diodes)
Output Cables	TÜV (2Pfg1169:2007), UL 4703, 4.0 mm ² , symmetrical length
	(-) 700mm and (+) 700mm
Connectors	MC 4 compatible
Mechanical load test	5400Pa

Operating Module Temperature	-40 °C to +85 °C	
Maximum System Voltage	1000 V DC (IEC) / 600V DC (UL)	
Maximum Series Fuse Rating	10 A	
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	30	30
Pallets per container	14	30
Pieces per container	420	900

POLY

STC	145W	150W	155W	160W
Maximum Power (P _{max})	145W	150W	155W	160W
Open Circuit Voltage (V _{oc})	22.20V	22.30V	22.40V	22.40V
Short Circuit Current (I _{sc})	8.64A	8.87A	9.06A	9.21A
Voltage at Maximum Power (V _{mpp})	17.90V	18.10V	18.20V	18.30V
Current at Maximum Power (I _{mp})	8.11A	8.31A	8.52A	8.75A
Module Efficiency (%)	14.62%	15.13%	15.63%	16.14%

