



### Mono-Crystalline 240W ~ 280W (156x156) Solar Panels Specification

Model No.:	HCK-240M	HCK-250M	HCK-260M	HCK-280M
Maximum Power (W)	240W	250W	260W	280W
Optimum Power Voltage (Vmp)	35.2 V	35.2 V	35.2 V	35.2 V
Optimum Operating Current (Imp)	6.81 A	7.10 A	7.39 A	7.95 A
Open Circuit Voltage (Voc)	43.4 V	43.4 V	43.4 V	43.4 V
Short Circuit Current (Isc)	7.66 A	7.89 A	8.31 A	8.82 A
Cell Efficiency (%)	13.70%	14.20%	14.80%	16.00%
Cell Sizes	156x156			
Size of Module (mm)	1950*990*50			
Frame (Material Corners, etc.)	Aluminum-alloy			
Backing (Brand Type)	TPT			
Weight Per Piece(KG)	27			
Tolerance Wattage (e.g. +/-3%)	±3%			
Temperature Coefficients of Isc (%) °C	+0.05			
Temperature Coefficients of Voc (%) °C	-0.34			
Temperature Coefficients of Pm (%) °C	-0.23			
Temperature Range	-40°C to +85°C			
Warranty	90% of 10 years, 80% of 25 years.			
Standard Test Conditions	AM1.5 1000W/m <sup>2</sup> 25 +/-2°C			

