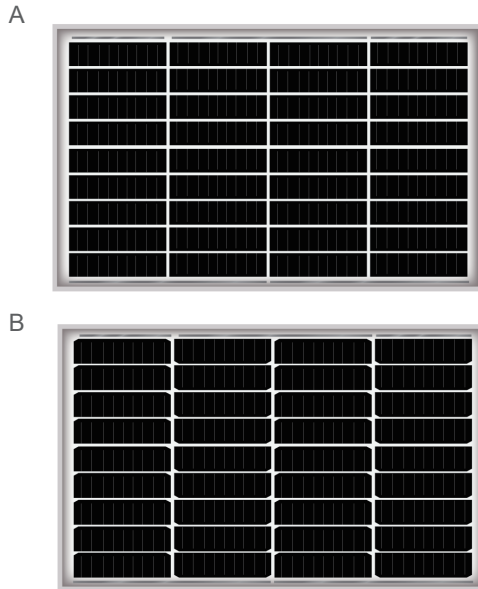


CST-M8/9

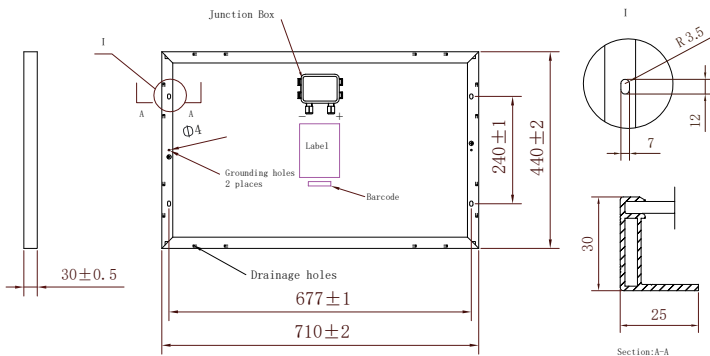
36 Cut Cells Monocrystalline PV Module



- 25 years Performance Guarantee**
 10-YEAR90%Maximum Output
 25-YEAR80%Maximum Output
- 12 years Product Warranties**
 Leading product quality assurance
- Positive tolerance**
 Positive tolerance of up to 5 W delivers higher output reliability
- Excellent weak light performance**
 More power output in weak light condition, such as haze,cloudy and morning
- Certified to withstand**
 wind load (2400 Pascal) and snow load (5400 Pascal)



Module Dimension



Electrical Characteristics	CST-M8/9		
PV module model	CST-M8/9 50	CST-M8/9 55	CST-M8/9 60
Maximum Power - Pmax(W)	50	55	60
Open Circuit Voltage - Voc(V)	23.58	24.85	25.97
Short Circuit Current - Isc(A)	2.76	2.82	2.89
Voltage at Pmax-Vmp(V)	19.58	20.95	22.27
Current at Pmax-Imp(A)	2.55	2.63	2.69
Module Efficiency-ηm(%)	16.0	17.6	19.2
Power Output Tolerance(W)	0~+5		
STC: Irradiance 1000 W/m ² ,Module Temperature 25°C, Air Mass AM1.5			

Packing Configuration	
Container	40'GP
Pieces per pallet	108
Pallets per container	48
Pieces per container	5184

Temperature Characteristics	
Pmax Temperature Coefficient	-0.40%/ °C
Voc Temperature Coefficient	-0.32%/ °C
Isc Temperature Coefficient	+0.05%/ °C
Operating Temperature	-40~85 °C
Nominal Module Operating Temperature (NMOT)	43±2 °C

Mechanical Specifications	
External Dimensions	440x710x30mm
Weight	3.4kg
Solar Cells	monocrystalline 166x41.5(36)pcs
Front Glass	High transparency solar glass 3.2mm
Frame	Silver , anodized aluminum alloy
Junction Box	IP65
Output Cables	Optional
Connector	NO
Wind/Snow Load	2400Pa/5400Pa