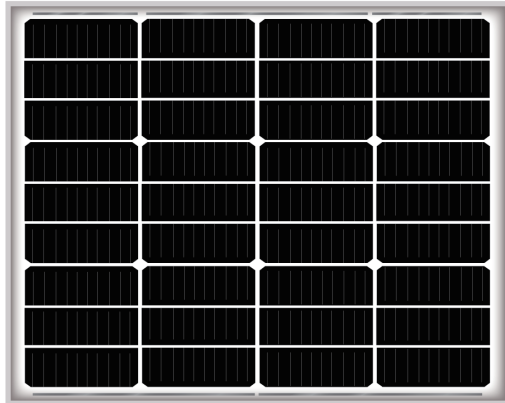


CST-M10/12

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



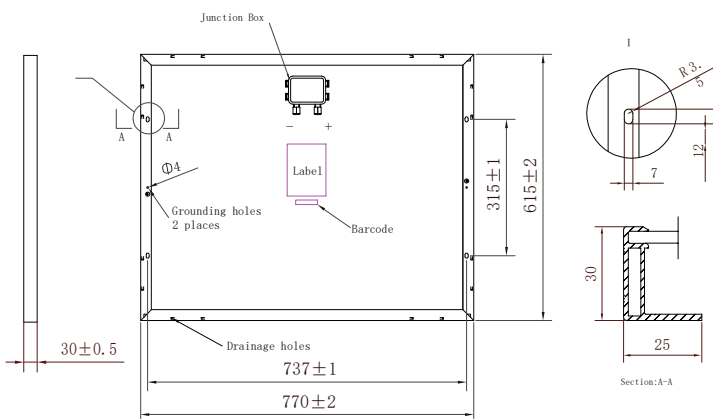
Excellent weak light performance
More power output in weak light condition, such as haze,cloudy and morning



Certified to withstand
wind load (2400 Pascal) and snow load (5400 Pascal)



Module Dimension



Electrical Characteristics	CST-M10/12			
	CST-M10/12 80	CST-M10/12 85	CST-M10/12 90	CST-M10/12 95
PV module model	CST-M10/12 80	CST-M10/12 85	CST-M10/12 90	CST-M10/12 95
Maximum Power - Pmax(W)	80	85	90	95
Open Circuit Voltage - Voc(V)	23.69	24.41	25.06	25.68
Short Circuit Current - Isc(A)	4.45	4.49	4.56	4.63
Voltage at Pmax-Vmp(V)	19.72	20.41	21.32	21.96
Current at Pmax-Imp(A)	4.06	4.17	4.22	4.33
Module Efficiency-ηm(%)	16.9	17.9	19.0	20.0
Power Output Tolerance(W)	0~+5			
STC: Irradiance 1000 W/m ² ,Module Temperature 25°C, Air Mass AM1.5				

Mechanical Specifications

External Dimensions	615x770x30mm
Weight	5.2kg
Solar Cells	monocrystalline 182x60.66(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

Packing Configuration

Container	40'GP
Pieces per pallet	72
Pallets per container	42
Pieces per container	3024

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