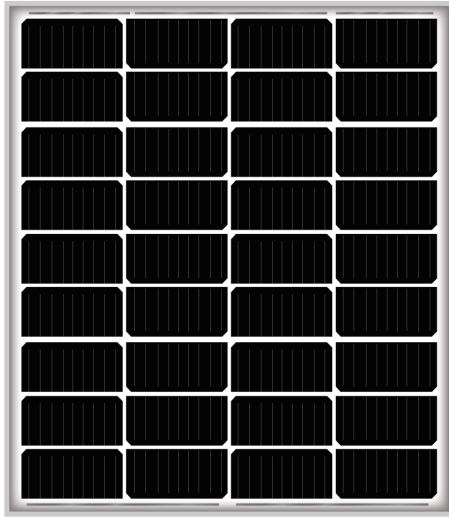


# CST-M10/18

## 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

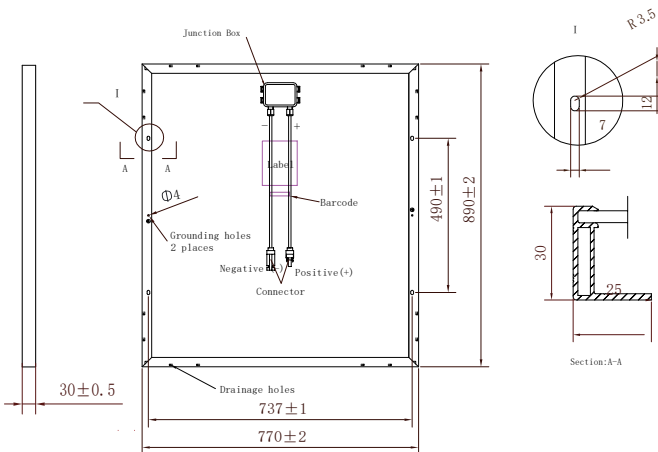


### Certified to withstand

wind load (2400 Pascal) and snow load (5400 Pascal)



### Module Dimension



Electrical Characteristics	CST-M10/18				
	CST-M10/18 120	CST-M10/18 125	CST-M10/18 130	CST-M10/18 135	CST-M10/18 140
PV module model	CST-M10/18 120	CST-M10/18 125	CST-M10/18 130	CST-M10/18 135	CST-M10/18 140
Maximum Power - Pmax(W)	120	125	130	135	140
Open Circuit Voltage - Voc(V)	23.69	24.21	24.59	25.06	25.48
Short Circuit Current - Isc(A)	6.68	6.74	6.79	6.84	6.91
Voltage at Pmax-Vmp(V)	19.72	20.25	20.67	21.32	21.76
Current at Pmax-Imp(A)	6.09	6.17	6.29	6.33	6.43
Module Efficiency-ηm(%)	17.5	18.2	19.0	19.7	20.4
Power Output Tolerance(W)	0~+5				
STC: Irradiance 1000 W/m <sup>2</sup> , Module Temperature 25°C, Air Mass AM1.5					

### Mechanical Specifications

External Dimensions	890x770x30mm
Weight	7.5kg
Solar Cells	monocrystalline 182x91(36)pcs
Front Glass	High transparency solar glass 3.2mm
Frame	Silver , anodized aluminum alloy
Junction Box	IP65
Output Cables	Optional
Connector	MC4 Compatible
Wind/Snow Load	2400Pa/5400Pa

### Packing Configuration

Container	40'GP
Pieces per pallet	72
Pallets per container	28
Pieces per container	2016

### 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