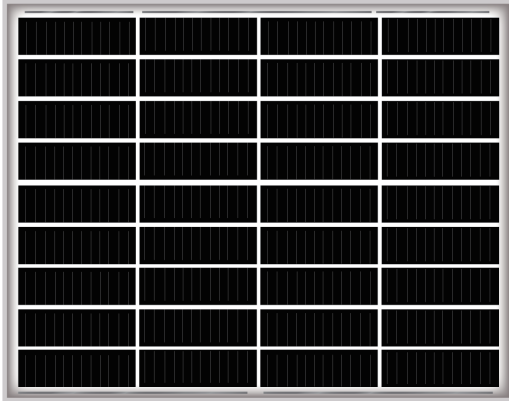


# CST-M12/12

## 36 Cut Cells Monocrystalline PV Module



**25 years Performance Guarantee**  
10-YEAR 90% Maximum Output  
25-YEAR 80% 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

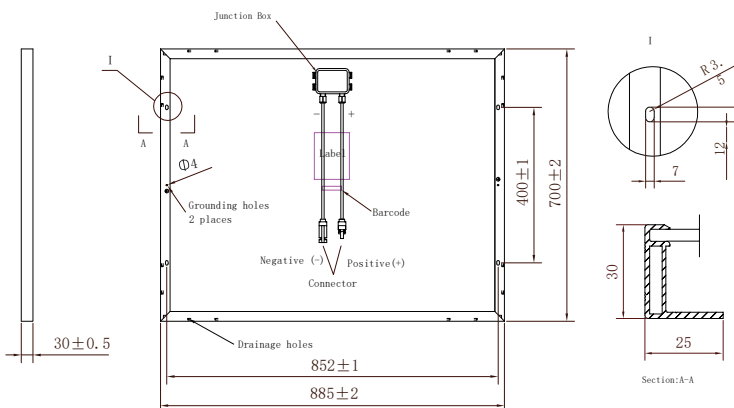


### Certified to withstand

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



### Module Dimension



Electrical Characteristics	CST-M12/12			
	CST-M12/12 110	CST-M12/12 115	CST-M12/12 120	CST-M12/12 125
PV module model	CST-M12/12 110	CST-M12/12 115	CST-M12/12 120	CST-M12/12 125
Maximum Power - Pmax(W)	110	115	120	125
Open Circuit Voltage - Voc(V)	23.84	24.41	24.82	25.46
Short Circuit Current - Isc(A)	6.01	6.09	6.18	6.27
Voltage at Pmax-Vmp(V)	19.54	19.98	20.62	21.16
Current at Pmax-Imp(A)	5.63	5.76	5.82	5.91
Module Efficiency-ηm(%)	17.8	18.6	19.4	20.2
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	700x885x30mm
Weight	6.8kg
Solar Cells	monocrystalline 210x70(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	36
Pieces per container	2592

### 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