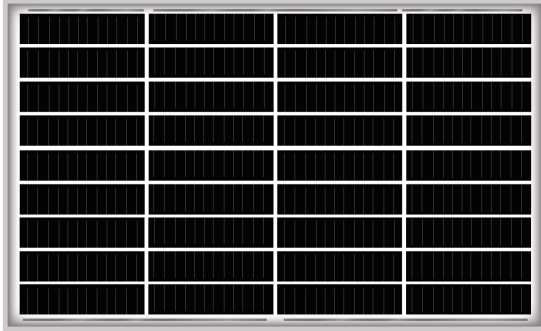


# CST-M12/9

## 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



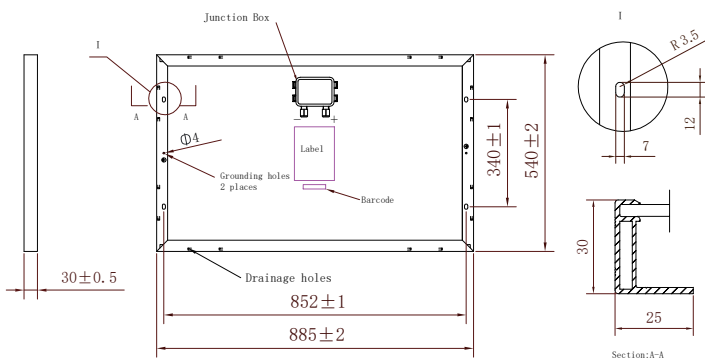
**Excellent weak light performance**  
More power output in weak light condition, such as haze,cloudy and morning



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



### Module Dimension



Electrical Characteristics	CST-M12/9			
	CST-M12/9 80	CST-M12/9 85	CST-M12/9 90	CST-M12/9 95
PV module model	CST-M12/9 80	CST-M12/9 85	CST-M12/9 90	CST-M12/9 95
Maximum Power - Pmax(W)	80	85	90	95
Open Circuit Voltage - Voc(V)	23.45	24.13	24.82	25.58
Short Circuit Current - Isc(A)	4.47	4.55	4.64	4.71
Voltage at Pmax-Vmp(V)	19.56	19.86	20.62	21.33
Current at Pmax-Imp(A)	4.09	4.28	4.37	4.45
Module Efficiency-ηm(%)	16.7	17.8	18.8	19.9
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	540x885x30mm
Weight	5.3kg
Solar Cells	monocrystalline 210x52.5(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

### Packing Configuration

Container	40'GP
Pieces per pallet	144
Pallets per container	24
Pieces per container	3456

### 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