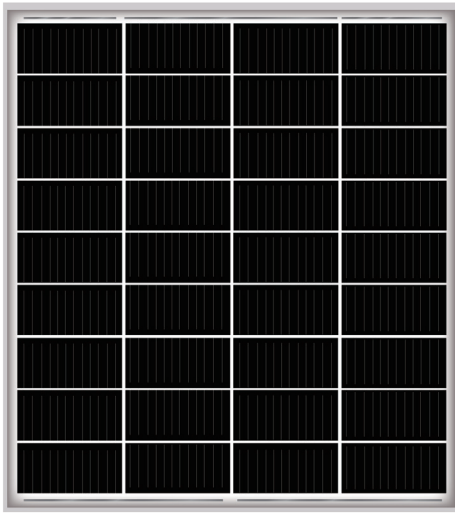


CST-M12/18

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



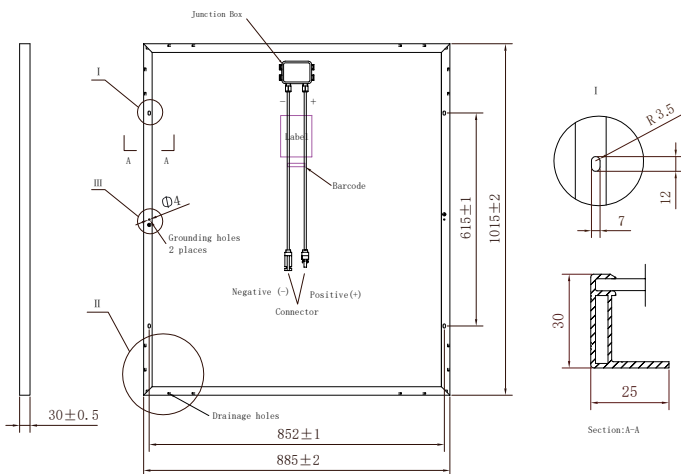
Excellent weak light performance
More power output in weak light condition, such as haze,cloudy and morning



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



Module Dimension



| Electrical Characteristics | CST-M12/18 | | | |
|---|----------------|----------------|----------------|----------------|
| | CST-M12/18 170 | CST-M12/18 175 | CST-M12/18 180 | CST-M12/18 185 |
| PV module model | CST-M12/18 170 | CST-M12/18 175 | CST-M12/18 180 | CST-M12/18 185 |
| Maximum Power - Pmax(W) | 170 | 175 | 180 | 185 |
| Open Circuit Voltage - Voc(V) | 24.13 | 24.43 | 24.82 | 25.26 |
| Short Circuit Current - Isc(A) | 9.06 | 9.18 | 9.28 | 9.36 |
| Voltage at Pmax-Vmp(V) | 19.86 | 20.18 | 20.62 | 21 |
| Current at Pmax-Imp(A) | 8.56 | 8.67 | 8.73 | 8.81 |
| Module Efficiency-ηm(%) | 18.9 | 19.5 | 20.0 | 20.6 |
| Power Output Tolerance(W) | 0~+5 | | | |
| STC: Irradiance 1000 W/m ² , Module Temperature 25°C, Air Mass AM1.5 | | | | |

Mechanical Specifications

| | |
|---------------------|-------------------------------------|
| External Dimensions | 1015x885x30mm |
| Weight | 9.8kg |
| Solar Cells | monocrystalline 210x105(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 | 24 |
| Pieces per container | 1728 |

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 |