



# DATASHEET

CRM195S125M-72 — CRM170S125M-72

## Photovoltaic module

CRM195S125M-72 ——— CRM170S125M-72

CRM195S125M-72

CRM190S125M-72

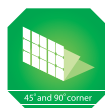
CRM185S125M-72

CRM180S125M-72

CRM175S125M-72

CRM170S125M-72

### Features



Easily assemble and disassemble with patent for 45° and 90° corner



Graceful and artistic, convenient to install



High output, 15.7% highest conversion efficiency



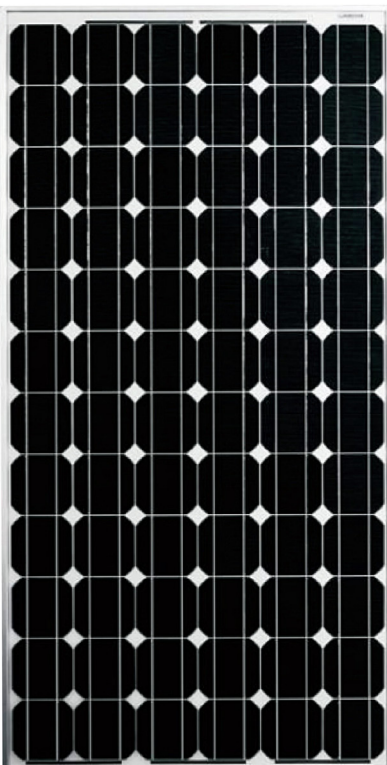
Claim solution response within 48 hours



High surface load capacity of 5400Pa

### Quality and Safety

- 10-year / 25-year power output transferable warranty (90% / 80 % of minimum output power)
- 5-year product warranty
- product Liability Insurance and Quality Insurance
- Excellent soldering technology with constant temperature control, no over-soldering or poor soldering
- Certified by authentic international standard IEC61215, IEC61730, UL1703, ETL & Kemco, conformity to CE
- Rigorous quality control meeting the highest international standards ISO 9001:2000 (Quality Management System) and ISO 14001:2004 (Environment Management System)





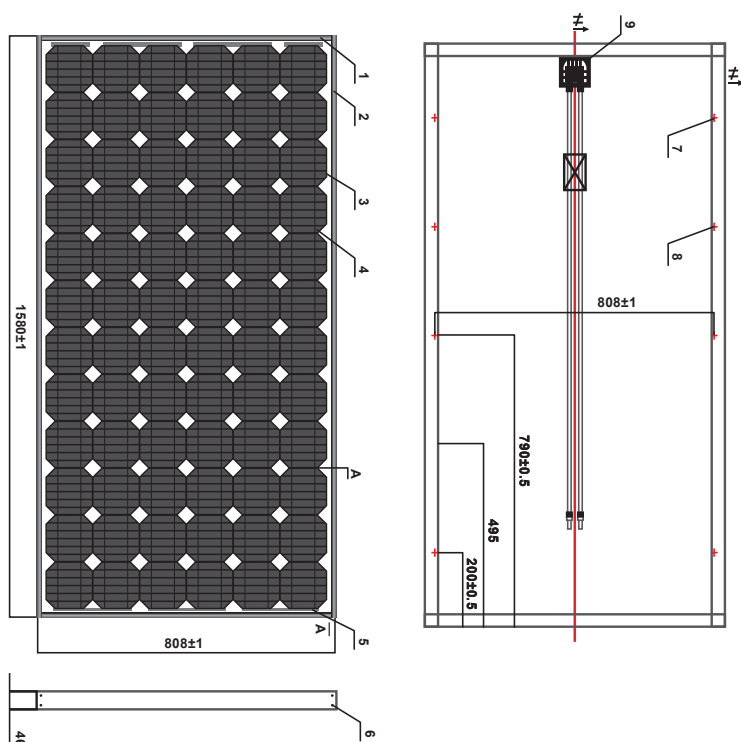
# DATASHEET

CRM195S125M-72 — CRM170S125M-72

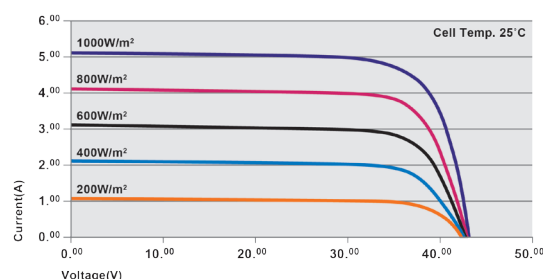
## Electrical and Mechanical Characteristics

| MODEL                          | CRM195S125M-72        | CRM190S125M-72 | CRM185S125M-72 | CRM180S125M-72 | CRM175S125M-72 | CRM170S125M-72 |
|--------------------------------|-----------------------|----------------|----------------|----------------|----------------|----------------|
| Nominal Maximum Output         | 195W                  | 190W           | 185W           | 180W           | 175W           | 170W           |
| Nominal Open Circuit Voltage   | 45.2V                 | 45.1V          | 45.0V          | 44.8V          | 44.5V          | 44.2V          |
| Nominal Short Circuit Current  | 5.64A                 | 5.54A          | 5.41A          | 5.36A          | 5.28A          | 5.21A          |
| Nominal Maximum Output Voltage | 37.3V                 | 37.1V          | 36.8V          | 36.5V          | 36.1V          | 35.7V          |
| Nominal Maximum Output Current | 5.23A                 | 5.12A          | 5.03A          | 4.93A          | 4.85A          | 4.76A          |
| Nominal Mass                   | 15.5Kg                |                |                |                |                |                |
| Dimensions                     | 1580 x 808 x 46mm     |                |                |                |                |                |
| Cells                          | 72pcs monocrystalline |                |                |                |                |                |
| Cells Dimensions               | 125 x 125mm           |                |                |                |                |                |
| Maximum system voltage         | 1000V                 |                |                |                |                |                |

| Temperature and Coefficients    |             | Limits                        |               |
|---------------------------------|-------------|-------------------------------|---------------|
| NOCT                            | 50±2°C      | Tolerance Wattage             | ≥ 0%          |
| Temperature Coefficients of Isc | +0.03769%/K | Temperature Range             | -40°C – +85°C |
| Temperature Coefficients of Uoc | -0.34997%/K | Surface Maximum Load Capacity | 5400Pa        |
| Temperature Coefficients of Pm  | -0.47409%/K | Max Reverse Current Load      | 15A           |



### I-U-CURVES of PV module --- CRM175S125M-72



### I-U-CURVES of PV module --- CRM175S125M-72 at various cell temperatures (IRRADIANCE: AM 1.5, 1kw/m²)

