



CRM315S156M-72  
CRM310S156M-72  
CRM305S156M-72  
CRM300S156M-72  
CRM295S156M-72  
CRM290S156M-72  
CRM285S156M-72  
CRM280S156M-72



# PHOTOVOLTAIC MODULE

CRM315S156M-72—CRM280S156M-72

## FEATURES



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



Graceful and artistic, convenient to install



High output, 16.23% highest conversion efficiency



Claim solution response within 48 hours



High surface load capacity of 5400Pa



100% EL double-inspection, with no potential crack or current-mismatch.

## QUALITY AND SAFETY

- 25-year power output transferable warranty (80% of minimum output power)
- 10-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
- Rigorous quality control meeting the highest international standards ISO 9001:2008(Quality Management System) and ISO 14001:2004 (Environment Management System)

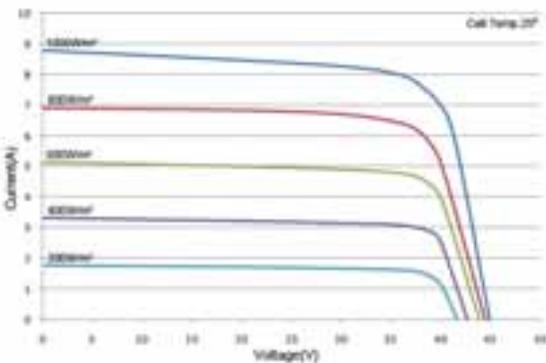
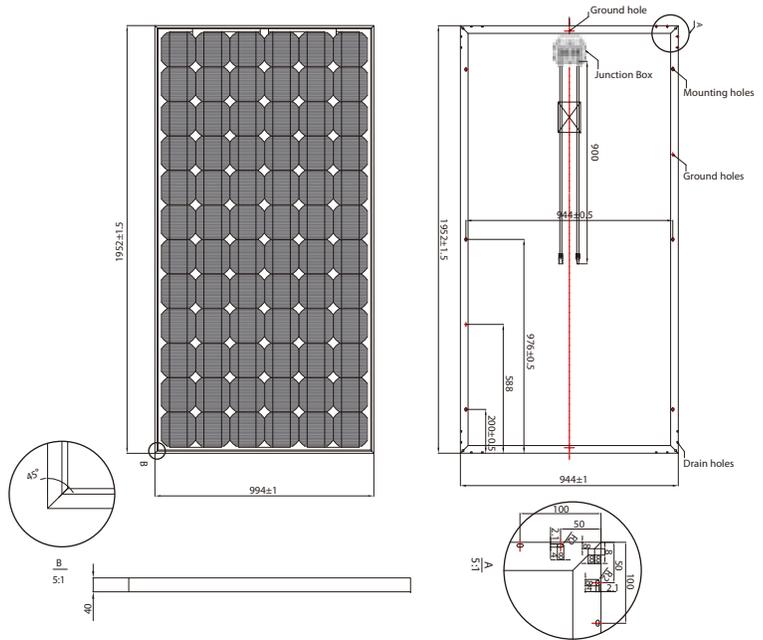
MODEL	CRM315S 156M-72	CRM310S 156M-72	CRM305S 156M-72	CRM300S 156M-72	CRM295S 156M-72	CRM290S 156M-72	CRM285S 156M-72	CRM280S 156M-72
Nominal Maximum Output	315W	310W	305W	300W	295W	290W	285W	280W
Nominal Open Circuit Voltage	45.1V	45.0V	44.9V	44.8V	44.7V	44.6V	44.5V	44.4V
Nominal Short Circuit Current	8.96A	8.90A	8.85A	8.79A	8.73A	8.67A	8.62A	8.56A
Nominal Maximum Output Voltage	37.1V	37.0V	36.7V	36.5V	36.3V	36.1V	35.9V	35.7V
Nominal Maximum Output Current	8.48A	8.40A	8.31A	8.22A	8.12A	8.03A	7.94A	7.84A
Conversion Efficiency	16.23%	15.98%	15.72%	15.46%	15.20%	14.95%	14.69%	14.43%
Nominal Mass	23Kg							
Dimensions	1952x994x50mm (assembled by rivets)							
Cells	72pcs monocrystalline(12x6)							
Cells Dimensions	156x156mm							
Maximum System Voltage	"1000v European standard / 600v American standard"							

### Temperature and Coefficients

NOCT	46±2°C
Temperature Coefficients of Isc	+0.0487%/K
Temperature Coefficients of Voc	-0.3499%/K
Temperature Coefficients of Pm	-0.4992%/K

### Limits

Tolerance Wattage	±3%
Temperature Range	-40°C—85°C
Surface Maximum Load Capacity	5400Pa
Max Reverse Current Load	15A



◀ IV-CURVES of PV module  
CRM285S156M-72 ▶

IRRADIANCE: AM 1.5, 1kw/m<sup>2</sup>

