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Sun Perfect

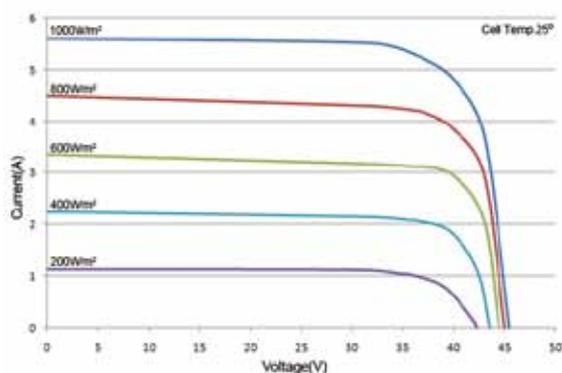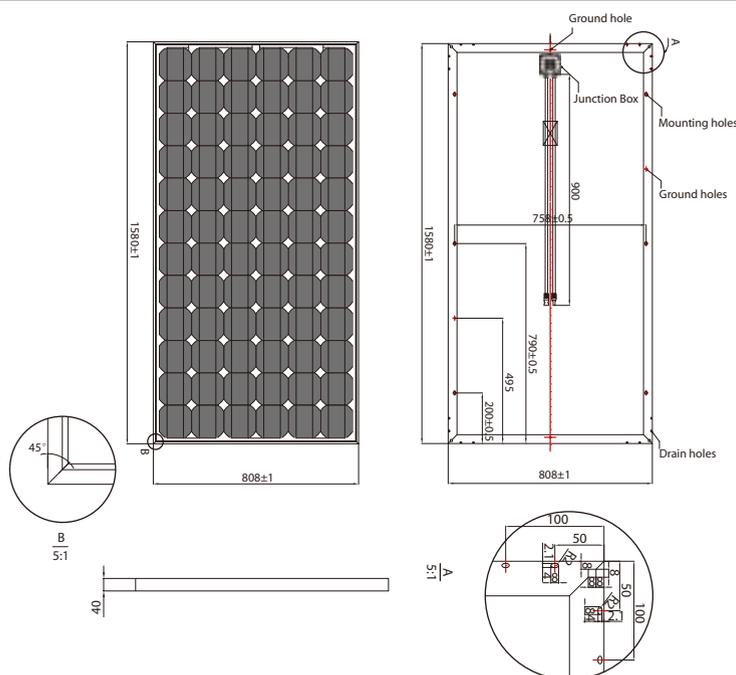# Electrical and Mechanical Characteristics

MODEL	CRM200S 125M-72	CRM195S 125M-72	CRM190S 125M-72	CRM185S 125M-72	CRM180S 125M-72
Nominal Maximum Output	200W	195W	190W	185W	180W
Nominal Open Circuit Voltage	45.3V	45.2V	45.1V	45.0V	44.8V
Nominal Short Circuit Current	5.75A	5.64A	5.54A	5.41A	5.36A
Nominal Maximum Output Voltage	37.4V	37.3V	37.1V	36.8V	36.5V
Nominal Maximum Output Current	5.35A	5.23A	5.12A	5.03A	4.93A
Conversion Efficiency	15.66%	15.27%	14.88%	14.49%	14.09%
Nominal Mass	15Kg				
Dimensions	1580x808x40mm (assembled by rivets)				
Cells	72pcs monocrystalline(12x6)				
Cells Dimensions	125x125mm				
Maximum System Voltage	"1000v European standard / 600v American standard"				

Temperature and Coefficents
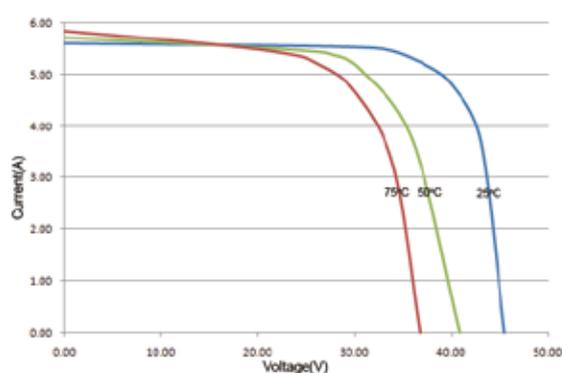
NOCT	46±2℃
Temperature Coefficients of Isc	+0.03769%/K
Temperature Coefficients of Voc	-0.34997%/K
Temperature Coefficients of Pm	-0.47409%/K

Limits

Tolerance Wattage	±3%
Temperature Range	-40℃—85℃
Surface Maximum Load Capacity	5400Pa
Max Reverse Current Load	10A

IV-CURVES of PV module CRM195S125M-72

IRRADIANCE:AM 1.5, 1kw/m²

Company: Shanghai Chaori Solar Energy Science&Technology Co.,Ltd
Address: No 738 Qigang Road YangWang Economic Area,Nanqiao Town, Fengxian District,Shanghai
Tel: +86 21 33617903 33617122 33617031

Fax: +86 21 33617168
E-Mail: sales@chaorisolar.com   info@chaorisolar.com
Web: www.chaorisolar.com

CRM200S125M-72
CRM195S125M-72
CRM190S125M-72
CRM185S125M-72
CRM180S125M-72

PHOTOVOLTAIC MODULE
CRM200S125M-72—CRM180S125M-72

FEATURES

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

Grace and artistic — Graceful and artistic, convenient to install

High output — High output, 15.66% highest conversion efficiency

48 hours — Claim solution response within 48 hours

5400Pa — High surface load capacity of 5400Pa

Quality safety assurance — 100% EL double-inspection, with no potential crack or current-dismatch.

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,UL1703, & Kemco, conformity to CE

- Rigorous quality control meeting the highest international standards ISO 9001:2008(Quality Management System) and ISO 14001:2004 (Environment Management System)

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PV CYCLE   LISTED PHOTOVOLTAIC MODULE   APPROVED PRODUCT MCS BABT BABT 8537   CE   ISO