

Monocrystalline solar module

CRM175W125S

SPECIFICATION

Cell	125*125 (mm)
Cell manufacturer	Chinese cell
No. of cells and connections	6*12=72
Dimension of module	1580*808*35 (mm)
Dimension of glass	1574*802*3.2 (mm)
Weight	16Kgs

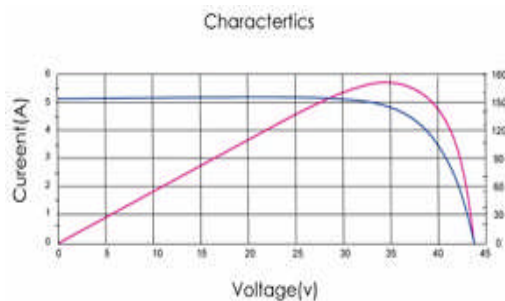
CHARACTERISTICS

Voc(open circuit voltage)	44.7V
Vmp(maximum power voltage)	36V
Isc(short circuit current)	5.39A
Imp(maximum power current)	4.86A
Pmax(maximum power)	175W
Practical Module Efficiency	15%
Output power tolerance:	+/- 3%

LIMITS

Operating temperature	-40℃-85℃
Storage temperature	Normal Temperature
Dielectric voltage withstood	1000V DC

I-V Curve



STC:Irradiance 1000W/m²,Module temperature 25℃,AM=1.5

TEMPERATURE & COEFFICIENTS

NOCT	48℃±2℃
Current temperature coefficient	+4.6mA/℃
Voltage temperature coefficient	-0.146V/℃
Power temperature coefficient	-0.38%/℃

OUTPUT

Type of output terminal	Junction box
Cable	LAPP(4.0 mm ²)
Asymmetrical length	900mm

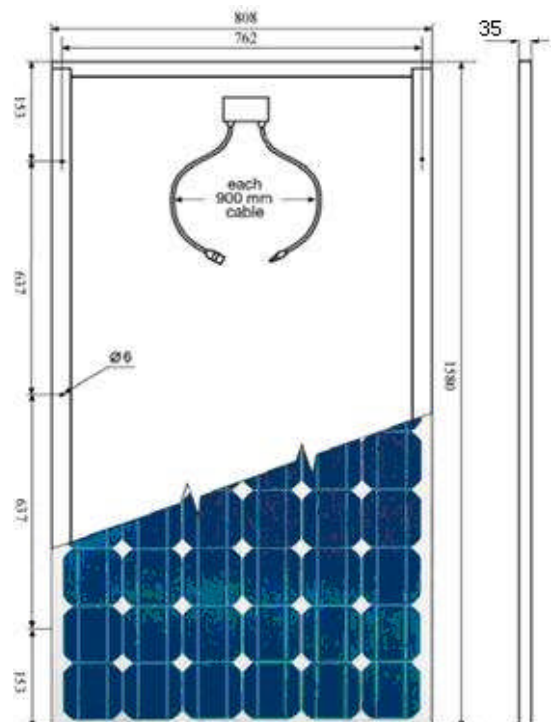
MATERIALS

Frame: Anodized Aluminum

Front Cover: Toughened Glass

CERTIFICATIONS

IEC 61215, TÜV Safety Class II, CE,



BLUE PRINT