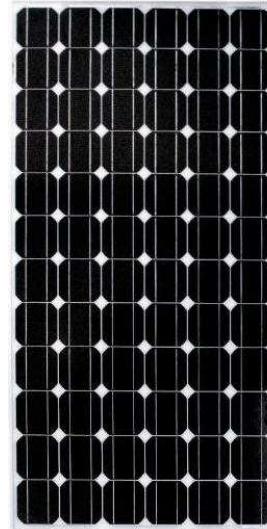




TH-170/X-72M

Mechanische Daten	
Cells:	Mono-crystalline 125×125mm (5")
No.of cells:	72Pcs (6×12)
Dimensions	1580 (L) ×808(W)×35(H)mm
Weight:	15kg
Front Glass:	3.2mm Tempered glass
EVA:	EVA
Backsheet:	TPT
Frame:	Anodizod aluminium alloy
Junction Box:	IP65 Rated With bypass diodes
Cable:	900mm/900mm(Φ4mm ²)
Connection:	Same as MC Plug Type IV

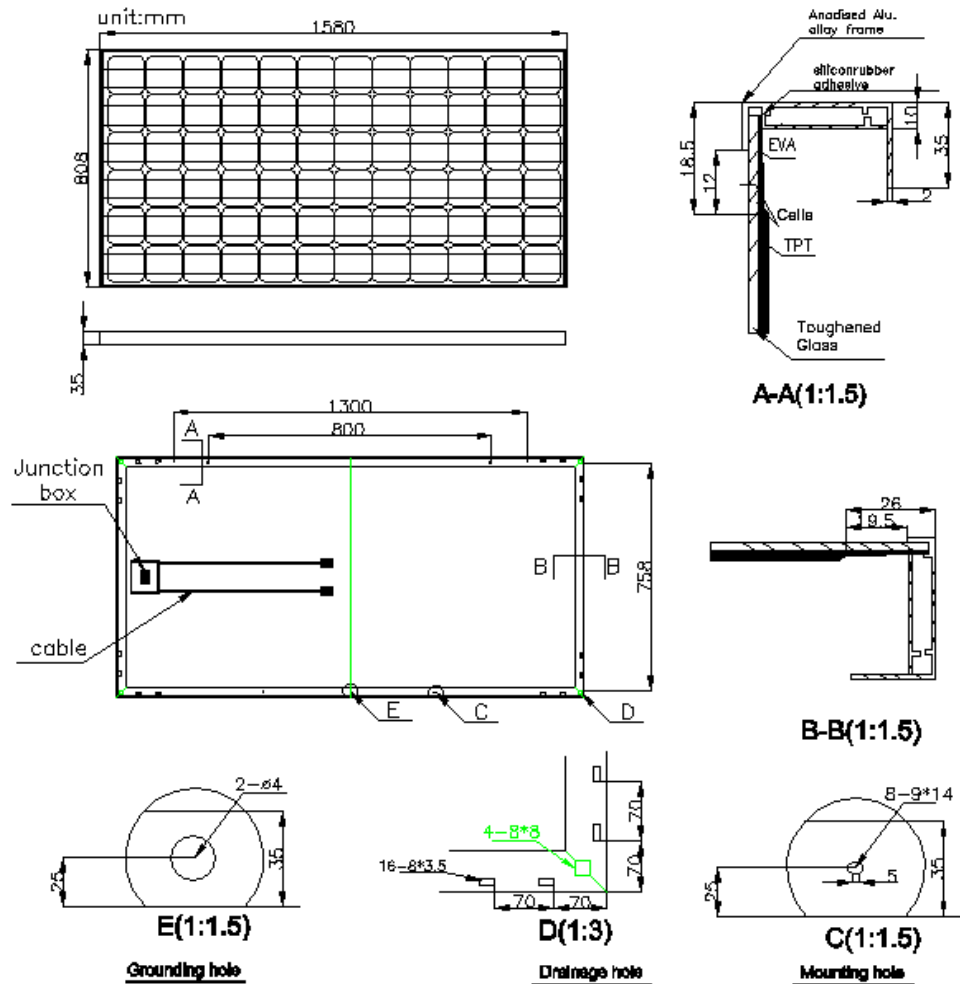


ELECTRICAL DATA										
Pmax(± 3%)	160W	165W	170W	175W	180W	185W	190W	195W	200W	205W
Vmp	34.9V	35.6V	35.8V	36.2V	36.8V	37.5V	37.7V	37.9V	38.12V	38.70V
Imp	4.60A	4.65A	4.76A	4.85A	4.90A	4.95A	5.04A	5.16A	5.25A	5.32A
Voc	44.3V	44.4V	44.5V	44.7V	44.8V	44.9V	45.1V	45.5V	45.90V	46.30V
Isc	5.05A	5.10A	5.15A	5.20A	5.25A	5.30A	5.35A	5.40A	5.45A	5.50A
Max system voltage	DC1000V(TUV) DC600V(UL)									
STC	Standard test conditions: irradiance: 1000W/ m ² AM: 1.5 temperature: 25°C									

Temperature coefficients	
Nominal Operating Cell Temperature (NOCT)	45°C±2°C
Temperature Coefficient of ISC (α)	0.038%/°C
Temperature Coefficient of VOC (β)	-0.34%/°C
Temperature Coefficient of Pmax	-0.48%/°C



Permissible Operating Conditions	
Operating temperature:	-40°C to +85°C
Maximum Hail diameter @ 80Km/h:	up to 25mm
Maximum loading capacity:	200Kg/m ² (5400Pa)
Continuous wind pressure:	130Km/h (60M/S)





Features and benefits

- 1 . High-efficient solar cells construction.
- 2 . Nominal 24 V DC for standard output
- 3 . Nonleaded and tin-coated ribbon and washing-free soldering flux.
- 4 . High transmissivity low-iron 3.2mm tempered glass
- 5 . Light anodized aluminum frame
ensure that problems of water freezing and warping do not occur.
- 6 . TUV certified junction box
- 7 . Cross-linking rate above 80%
- 8 . Automatic lamination technology
9. 25 year power output warranty

More informations on:

www.Tianhua.eu