

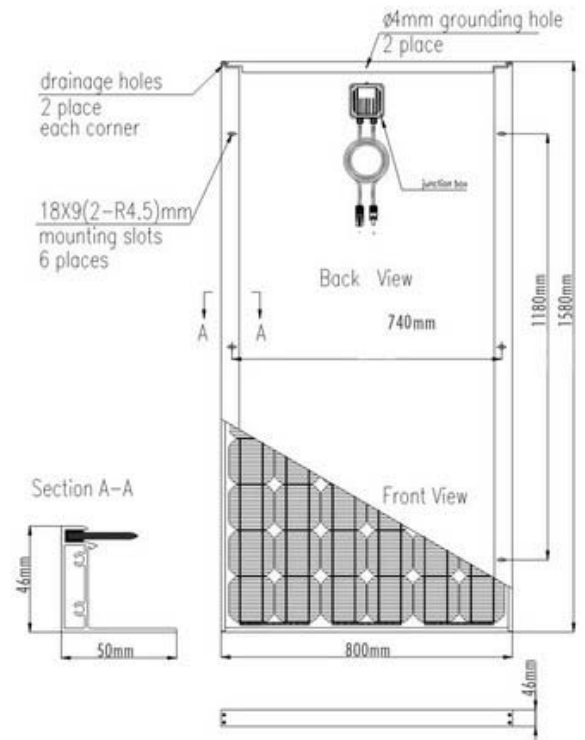
Monocrystalline Solar Module 125X125mm 6x12 Cells



Electrical Characteristics

TUV-Model	175(34)D UL800	180(34)D UL800	185(34)D UL800	190(34)D UL800	195(34)D UL800
UL-Model	UL-175D	UL-180D	UL-185D	UL-190D	UL-195D
Max Power Pm(W)	175	180	185	190	195
Max Power Voltage Vm(V)	35.2	35.4	35.6	35.8	36.0
Max Power Current Im(A)	4.98	5.09	5.20	5.31	5.42
Open-Circuit Voltage Voc(V)	44.0	44.3	44.6	44.6	44.8
Short-Circuit Current Isc(A)	5.48	5.59	5.68	5.79	5.86
Cell Efficiency	16.4%	16.8%	17.3%	17.1%	17.5%
Module Efficiency	13.8%	14.2%	14.6%	15.0%	15.4%
Power Tolerance	±3%				
Maximum System Voltage(V)	1000(TUV)/600(UL)				
Temperature Coefficient of Isc	0.065%/°C				
Temperature Coefficient of Voc	-0.35%/°C				
Temperature Coefficient of Pmax	-0.40%/°C				
Operating Temperature	-40°C~+85°C				
NOCT	47±2°C				
Series Fuse Rating(A)	10				

STC: irradiance: 1000W/mm²; solar spectrum: AM1.5; cell temperature: 25°C



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Mechanical Characteristics

Module Dimension (mm)	1580x800x46
Cell Dimension (mm)	125x125
Array (PCS)	6x12
Weight(Kg)	16

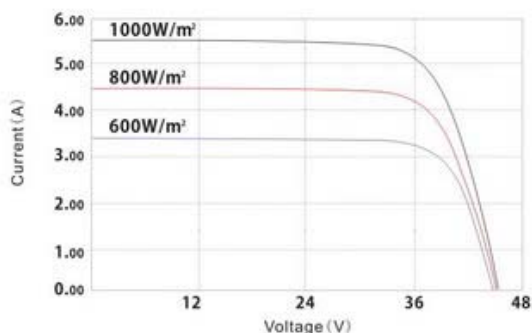
GUARANTEE

- 5-year product guarantee
- 10-year performance guarantee at 90% power output
- 25 year performance guarantee at 80% power output

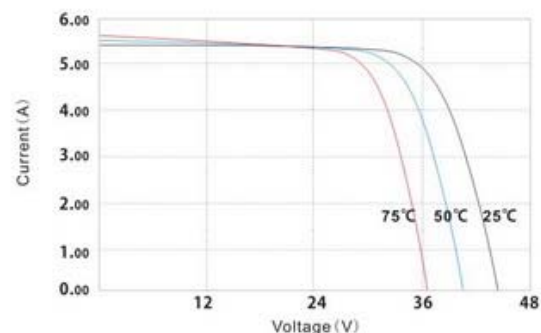
NOTE

- Nominal Operating Cell Temperature above data is only for reference
- Deviation of Vm(V), Im(A), Voc(V) and Isc(A) of ±10%

I-V Curves of UL-180D/UL-180D-72



I-V Curves at different irradiance



I-V Curves at different temperature