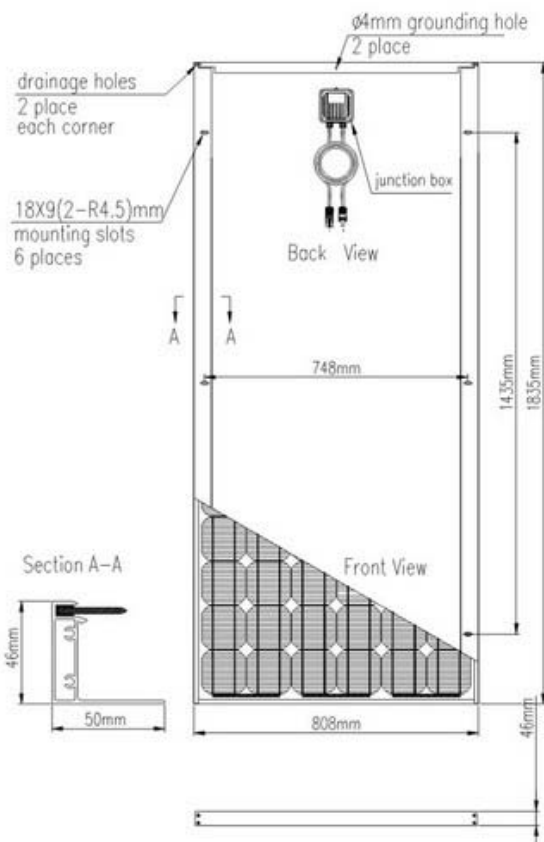


Monocrystalline Solar Module 125X125mm 6x14 Cells

Electrical Characteristics

TUV-Model	UL-205D-84	UL-210D-84	UL-215D-84	UL-220D-84	UL-225D-84	UL-230D-84
UL-Model	UL-205D	UL-210D	UL-215D	UL-220D	UL-225D	UL-230D
Max Power Pm(W)	205	210	215	220	225	230
Max Power Voltage Vm(V)	41.1	41.3	41.5	41.8	41.8	42.0
Max Power Current Im(A)	4.99	5.09	5.18	5.27	5.39	5.48
Open-Circuit Voltage Voc(V)	51.3	51.7	52.0	52.0	52.0	52.3
Short-Circuit Current Isc(A)	5.48	5.59	5.68	5.77	5.82	5.94
Cell Efficiency	16.4%	16.8%	17.2%	16.9%	17.3%	17.7%
Module Efficiency	13.8%	14.1%	14.5%	14.8%	15.2%	15.5%
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/m²; solar spectrum: AM1.5; cell temperature: 25°C



Mechanical Characteristics

Module Dimension (mm)	1835x808x46
Cell Dimension (mm)	125x125
Array (PCS)	6x14
Weight(Kg)	18.5

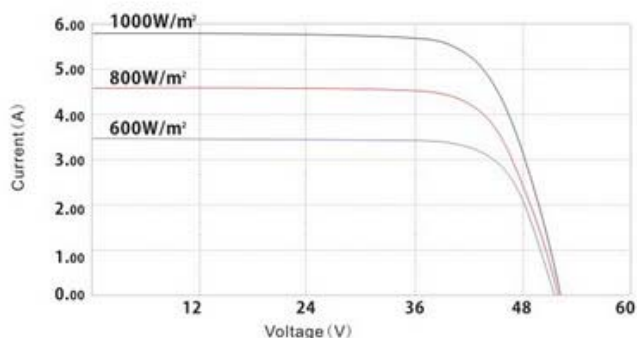
GUARANTEE

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

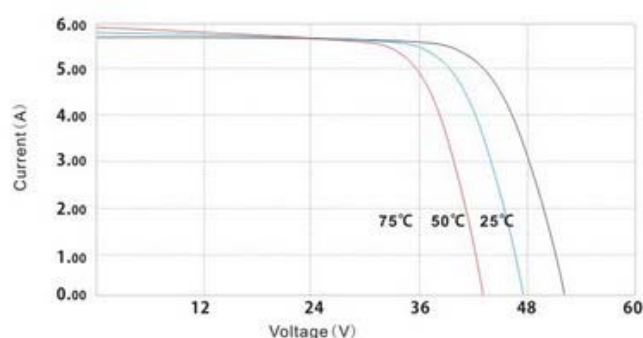
NOTE

- 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-220D/UL-220D-84



I-V Curves at different irradiance



I-V Curves at different temperature