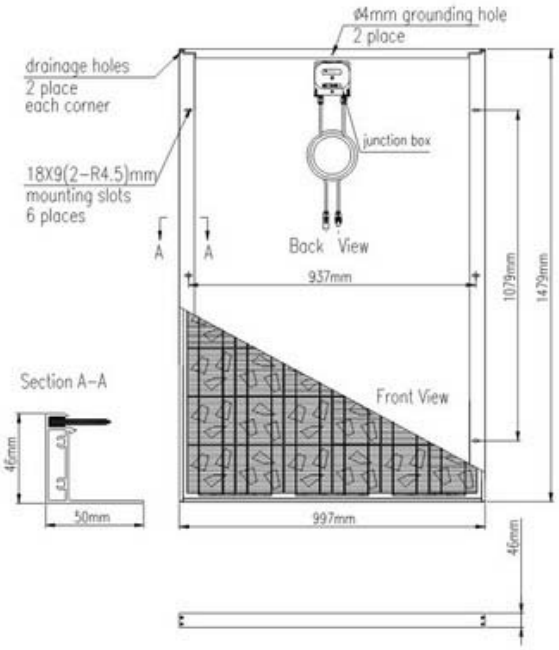
Polycrystalline Solar Module 156X156mm 6x9 Cells

Electrical Charateristics

TUV-Model	UL-195P-54	UL-200P-54	UL-205P-54	UL-210P-54	UL-215P-54	UL-220P-54
UL-Model	UL-195P	UL-200P	UL-205P	UL-210P	UL-215P	UL-220P
Max Power Pm(W)	195	200	205	210	215	220
Max Power Voltage Vm(V)	26.6	26.7	26.8	26.9	27.0	27.1
Max Power Current Im(A)	7.33	7.49	7.65	7.81	7.96	8.12
Open-Circuit Voltage Voc(V)	32.9	33.0	33.1	33.2	33.3	33.4
Short-Circuit Current Isc(A)	8.12	8.19	8.26	8.32	8.38	8.49
Cell Efficiency	14.8%	15.2%	15.6%	16.0%	16.4%	16.7%
Module Efficiency	13.2%	13.6%	13.9%	14.2%	14.6%	14.9%
Power Tolerance	±3%					
Maximum System Voltage(V)	1000(TUV)/600(UL)					
Temperture Coefficient of Isc	0.065%/℃					
Temperture Coefficient of Voc	-0.35%/℃					
Temperture Coefficient of Pmax	-0.40/℃					
Operating Temperature	-40℃~+85℃					
NOCT	47±2℃					
Series Fuse Rating(A)	15					

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



Mechanical Charateristics

Module Dimension (mm)	1479x997x46
Cell Dimension (mm)	156x156
Array (PCS)	6x9
Weight(Kg)	18

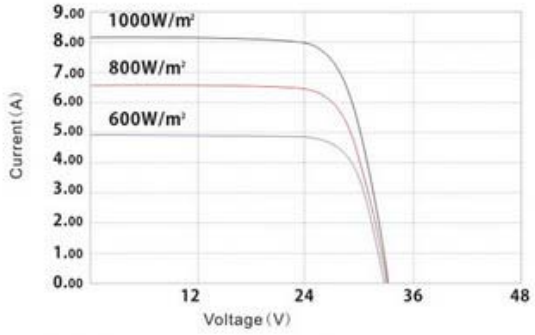
GUARANTEE

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

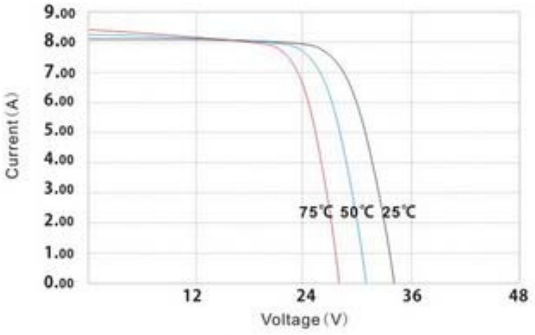
NOTE

- 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-200P/UL-200P-54



I-V Curves at different irradiance



I-V Curves at different temperature