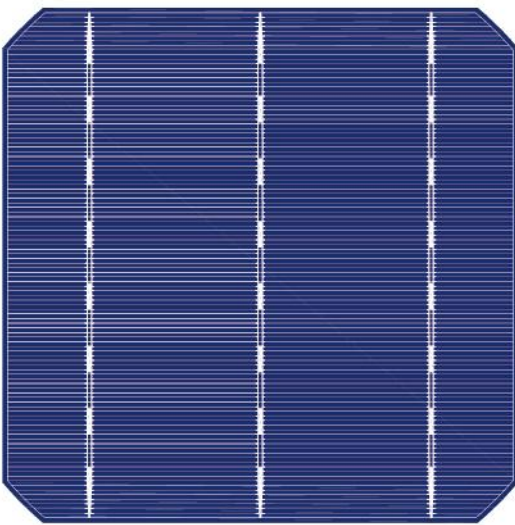


Mono-Crystalline Solar Cell

3 Bus Bar - Chain Pattern



Physical Characteristics

Dimension	156.75mm × 156.75mm ± 0.5mm
Diagonal	205mm ± 1.0mm
Thickness	200μm ± 20μm
Front Contact (-)	Blue Anti-reflective coating (silicon nitride), Textualized Surface(acid), Three 1.5mm Bus Bar (silver)
Back Contact (+)	Back-Surface Field(aluminum), 2.4mm±0.3mm Wide Soldering Pads(silver / aluminum)

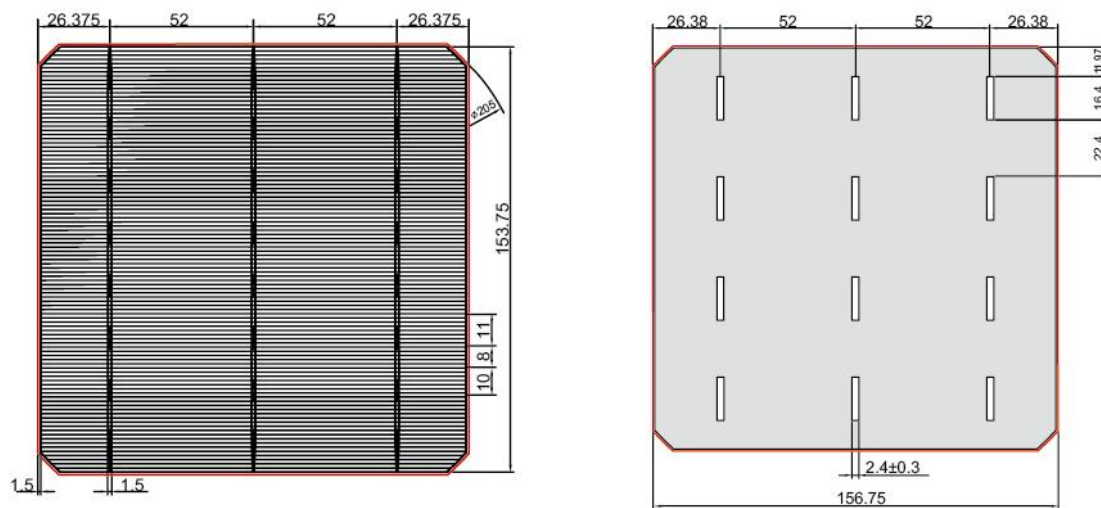
Features

- ➔ Perfect appearance and color uniformity
- ➔ Greatly reduce LID effect
- ➔ Specified reverse current to lower the risk for long term
- ➔ High shunt resistance
- ➔ Low breakage rate
- ➔ Low power loss in any environment condition
- ➔ High life time, stability, reliability and performance
- ➔ Calibrated against Fraunhofer ISE





► Appearance and Drawing

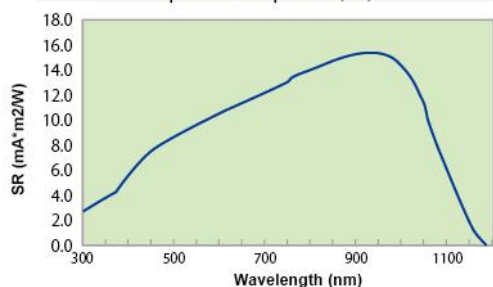


Electrical Characteristic, Diagonal 205mm

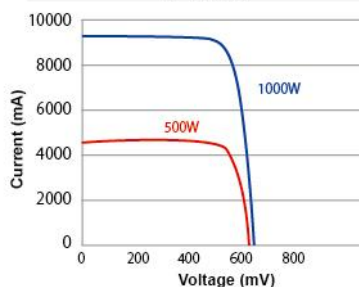
Efficiency,%	20.00%	19.90%	19.80%	19.70%	19.60%	19.50%	19.40%	19.30%	19.20%	19.10%	19.00%	18.90%	18.80%
Pmax, (W)	4.86	4.83	4.81	4.78	4.76	4.74	4.71	4.69	4.66	4.64	4.61	4.59	4.57
Voc, (V)	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.63	0.63	0.63	0.63
Isc,(A)	9.49	9.45	9.42	9.41	9.40	9.39	9.38	9.36	9.35	9.34	9.33	9.32	9.31
Vm(V)	0.55	0.55	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.53	0.53	0.53	0.53
Im(A)	8.89	8.87	8.85	8.83	8.80	8.78	8.76	8.73	8.71	8.68	8.66	8.64	8.61

*All Data under Standard Test Condition : 1000W /M2, AM1.5, 25°C. Efficiency Range ±0.1% abs

Spectral Response (SR)



IV Curve



Intensity[W/m²]	Vpm	Ipm
1000	1.000	1.000
900	0.997	0.898
500	0.986	0.499
300	0.967	0.298
200	0.949	0.199



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