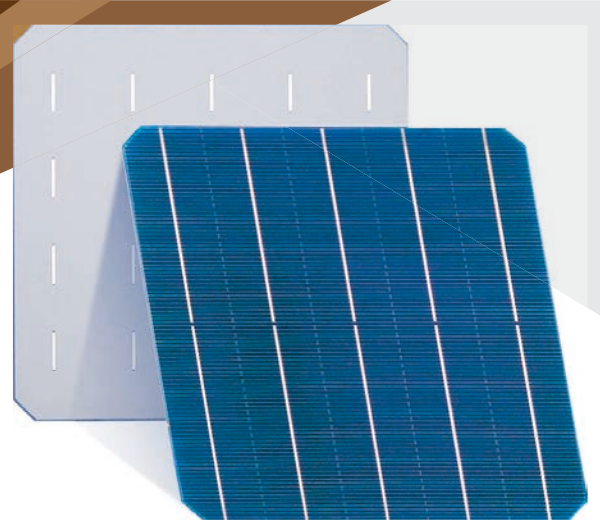


Monocrystalline Cells



Model: TM560C

Dimension: 156.00 mm x 156.00 mm \pm 0.5 mm
 Thickness: 200 μ m \pm 20 μ m

Front (-): 5 x 0.7 mm wide bus bars (silver) with distance 31.2 mm, acid texturized surface with blue silicon nitride AR coating.

Back (+): 1.7 mm wide silver / aluminum soldering pads, aluminum back surface field. Physical Characteristics

Temperature Coefficients

Current Temperature Coefficient	α (Isc)	0.04 %/°C
Voltage Temperature Coefficient	β (Voc)	-0.31 %/°C
Power Temperature Coefficient	γ (Pmax)	-0.41 %/°C

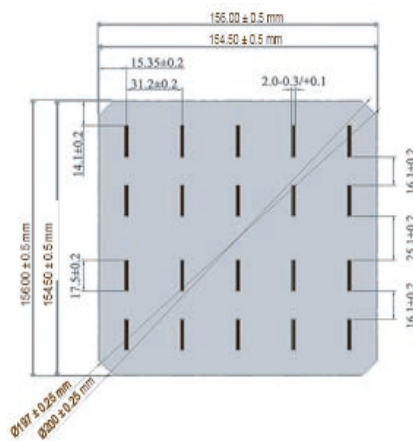
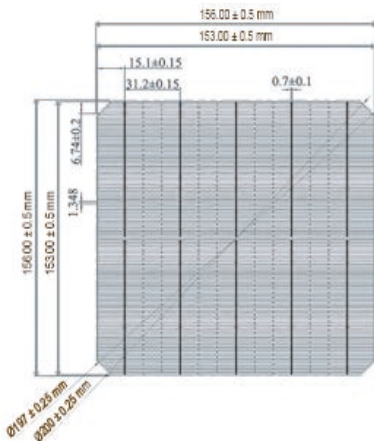
*Standard test condition; AM 1.5, 1000W/m², 25°C

Electrical Characteristics

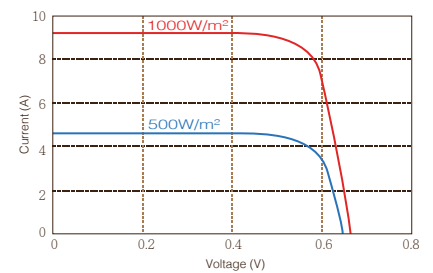
No	Efficiency (%)	Pmpp (W)	Umpp (V)	Impp (A)	Voc (V)	Isc (A)
01	19.80	4.73	0.551	8.591	0.650	9.153
02	20.00	4.78	0.554	8.627	0.653	9.183
03	20.20	4.83	0.558	8.652	0.657	9.206
04	20.40	4.87	0.561	8.684	0.660	9.234
05	20.60	4.92	0.565	8.714	0.663	9.260
06	20.80	4.97	0.569	8.744	0.666	9.287
07	21.00	5.02	0.572	8.775	0.669	9.314

*Data under standard testing conditions (STC): 1000W/m², AM1.5, 25°C, efficiency tolerance; average +3%/-0.1% absolute.

Conductor Patterns (unit: mm)

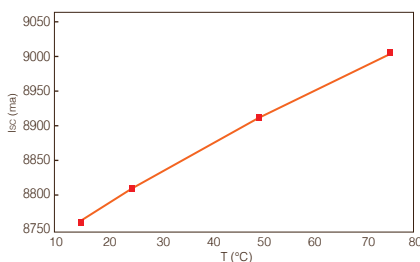


Typical IV Curve

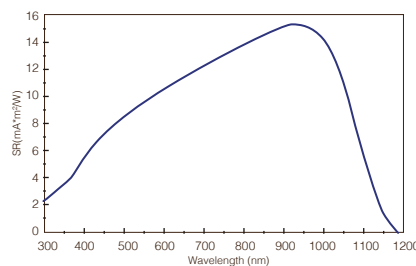


Calculated Temperature Coefficients

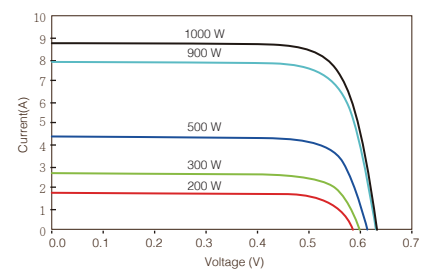
Short Circuit Current
 TK(Isc)=(4.27±0.57)mA/K
 TK(Isc)=(0.0484±0.0065)%/K



Typical Spectral Response



Typical Current-Voltage Curve



Package: Typical package for one carton contains 1,200 cells. The cells are sealed in cell box every 100 PCs.

* The datasheet is for informational purposes only and subject to change without prior notice.