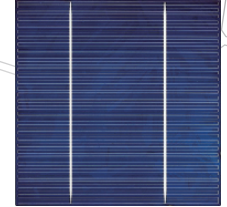


Multi-crystalline Silicon Solar Cell

PHYSICAL CHARACTERISTICS

Dimension	156mm x 156mm ± 0.5mm
Thickness	200 μm ± 20 μm
Front contact (-)	Blue Antireflective Coating (silicon nitride), Texturized Surface (acid), Two 1.9 mm Bus Bars (silver)
Back contact (+)	Full-Surface Back-Surface Field (aluminum), 4 mm wide Soldering Pads (silver / aluminum)

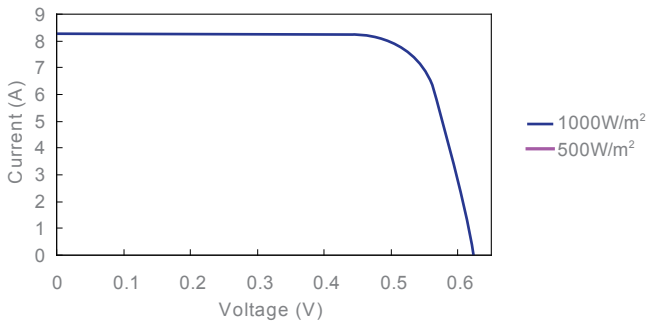


ELECTRICAL CHARACTERISTICS

Model Code		T1M-1740	T1M-1720	T1M-1700	T1M-1680	T1M-1660	T1M-1640	T1M-1620	T1M-1600	T1M-1580
Efficiency	(%)	17.4	17.2	17.0	16.8	16.6	16.4	16.2	16.0	15.8
Pmax	(W)	4.23	4.19	4.14	4.09	4.04	3.99	3.94	3.89	3.85
Voc	(V)	0.626	0.625	0.623	0.622	0.620	0.618	0.617	0.616	0.614
Isc	(A)	8.602	8.596	8.501	8.467	8.392	8.306	8.256	8.184	8.152
Vm	(V)	0.524	0.523	0.520	0.519	0.517	0.516	0.515	0.512	0.510
Im	(A)	8.080	8.004	7.956	7.878	7.814	7.735	7.655	7.605	7.539

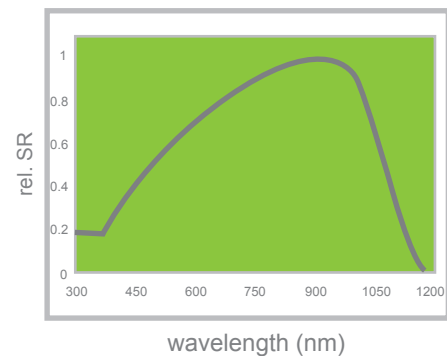
All Data under Standard Test Condition : 1000 W/m² , AM1.5 , 25°C. Efficiency range : ± 0.1% abs

IV-Curve



IV Curve of Efficiency 16.20% Cell

Spectral Response



TEMPERATURE COEFFICIENTS

Power : -0.37 %/°C

Voltage: -0.33%/°C

Current: 0.04%/°C

APPEARANCE AND DRAWING

