

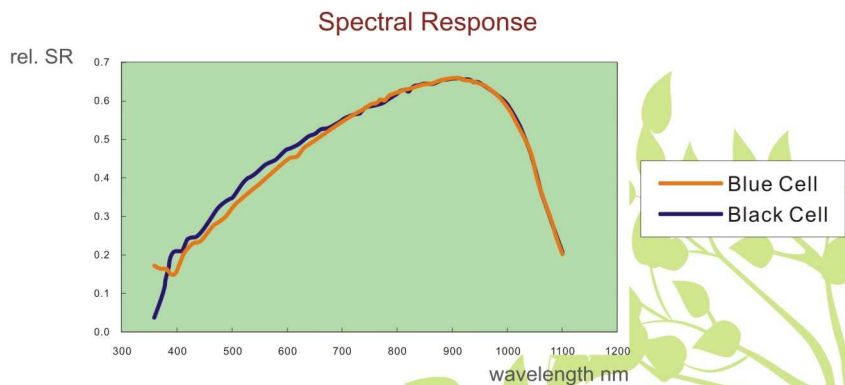
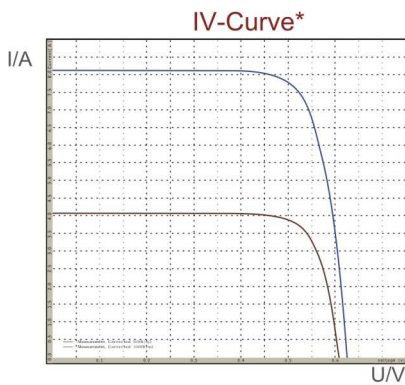


PHYSICAL CHARACTERISTICS

Dimension	156 mm x 156 mm ± 0.5 mm
Thickness	220 μm ± 40 μm
Front (-)	Black Antireflective Coating (silicon nitride), Texturized Surface (acid), Two 1.8 mm Bus Bars (silver)
Back contact (+)	Full-Surface Back-Surface Field (aluminum), 3.5 mm wide Soldering Pads (silver / aluminum)

ELECTRICAL CHARACTERISTICS

Model Code		T1M-1640	T1M-1620	T1M-1600	T1M-1580	T1M-1560	T1M-1540	T1M-1520	T1M-1500	T1M-1480	T1M-1460
Efficiency	(%)	16.4	16.2	16.0	15.8	15.6	15.4	15.2	15.0	14.8	14.6
Pmax	(W)	3.99	3.94	3.89	3.85	3.80	3.75	3.70	3.65	3.60	3.55
Voc	(V)	0.628	0.627	0.626	0.625	0.620	0.616	0.615	0.614	0.612	0.611
Isc	(A)	8.12	8.09	8.06	8.04	8.00	7.94	7.89	7.82	7.79	7.76
Vm	(V)	0.521	0.520	0.517	0.514	0.511	0.509	0.507	0.505	0.503	0.502
Im	(A)	7.66	7.58	7.52	7.49	7.44	7.37	7.30	7.23	7.16	7.07



● All Data under Standard Test Condition: 1000 W/m², Am1.5, 25°C

Efficiency range: ± 0.1% abs.

TEMPERATURE COEFFICIENTS

Power: -0.46 %/K

Voltage: -2.15 mV/K

Current: +4.40 mA/K

*Temperature may increase faster in different area

APPEARANCE AND DRAWING

