

Model: TM6544

Physical Characteristics

Dimension: 156.75 mm x 156.75 mm \pm 0.25 mm
 Thickness: 200 μ m \pm 30 μ m

Front (-): 4 x 1 mm wide bus bars (silver) with distance 39 mm, acid texturized surface with blue silicon nitride AR coating.

Back (+): 2.1 mm wide silver / aluminum soldering pads, aluminum back surface field.

Temperature Coefficients

Current Temperature Coefficient	α (ISC)	0.04 %/°c
Voltage Temperature Coefficient	β (VOC)	-0.32 %/°c
Power Temperature Coefficient	γ (Pmax)	-0.41 %/°c

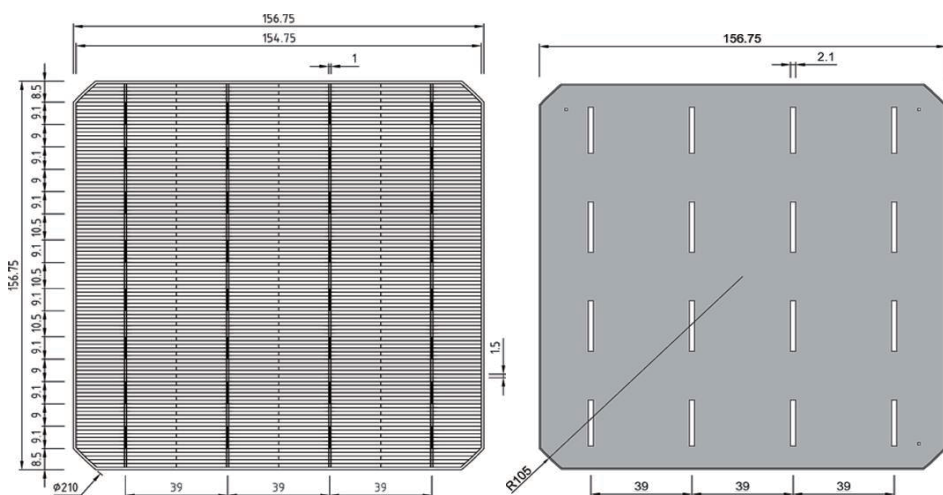
* Standard test condition: AM1.5, 1000W/m², 25°C

Electrical Characteristics

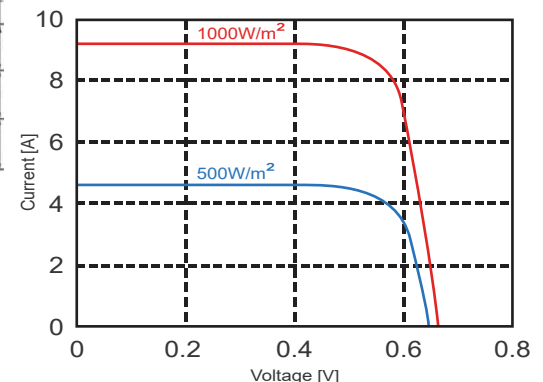
Efficiency Code		2060	2080	2090	2100	2110	2120	2130	2140	2150	2160
Efficiency	Eff(%)	20.60	20.80	20.90	21.00	21.10	21.20	21.30	21.40	21.50	21.60
Power	Pmax (W)	5.033	5.082	5.106	5.131	5.155	5.180	5.204	5.033	5.082	5.106
Max. Power Current	Imp (A)	9.162	9.217	9.244	9.272	9.299	9.326	9.354	9.162	9.217	9.244
Short Circuit Current	Isc (A)	9.646	9.697	9.722	9.748	9.773	9.798	9.824	9.646	9.697	9.722
Max Power Voltage	Vmp (V)	0.549	0.551	0.552	0.553	0.554	0.555	0.556	0.549	0.551	0.552
Open Circuit Voltage	Voc (V)	0.661	0.664	0.665	0.666	0.667	0.667	0.668	0.661	0.664	0.665

*Data under standard testing conditions (STC): 1000w/m², AM1.5, 25°C, efficiency tolerance: average +0.3%/-0.1% absolute.

Conductor Patterns (unit: mm)



Typical IV 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.

