

E-TPB156

Polycrystalline Solar Cell



High-quality

High quality metal paste for back surface and electrode, ensuring good conductivity, high pulling strength and ease of soldering.



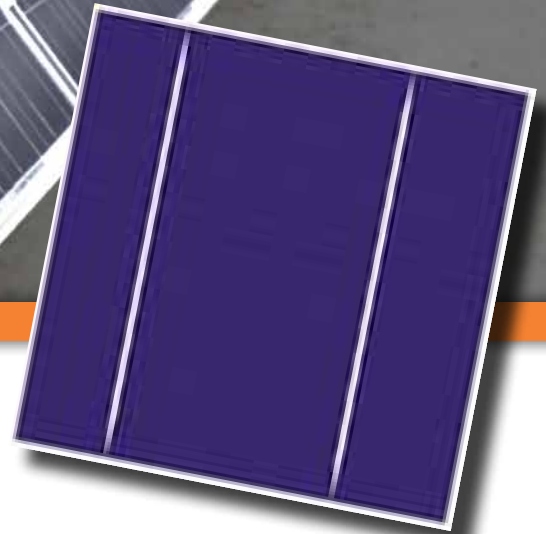
Reliable

High efficiency and stable performance in photovoltaic conversion.



Solid

Advanced PECVD film forming, providing a dark blue silicon nitride anti-reflection film of homogenous color and attractive appearance.

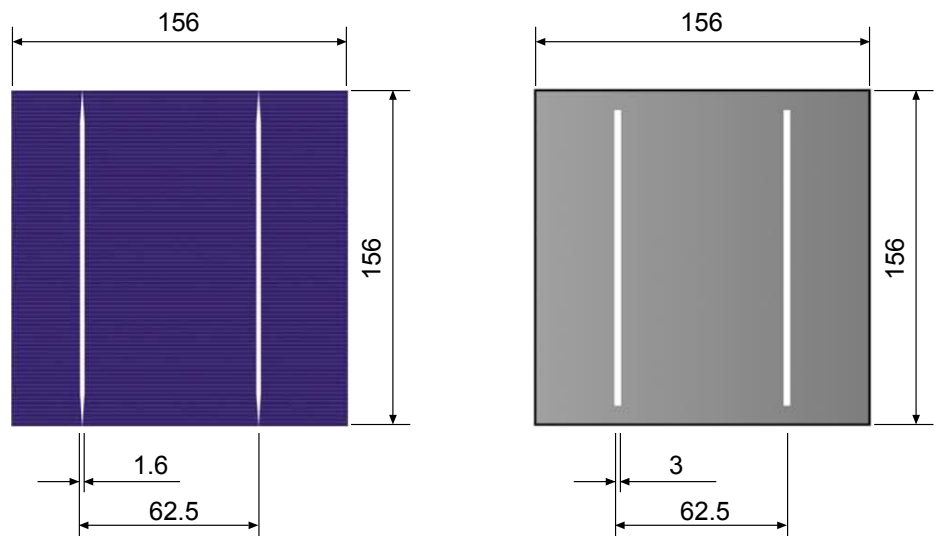


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SPECIFICATIONS

Dimensions	156 mm x 156 mm ± 0,5 mm
Thickness	190 µm ± 20 µm
Front (-)	1,6 mm bus bars (silver), blue anti-reflecting coating (aluminium)
Back (+)	3 mm wide soldering pads (silver) back surface field (aluminium)



TEMPERATURE COEFFICIENTS

Current	+0.07%/°C
Voltage	-0.36%/°C
Power	-0.43%/°C

E-TPB156 TYPE		167	165	162	160	157	155
Efficiency	Eff (%)	16.75	16.50	16.25	16.00	15.75	15.50
Power	Pm (Wp)	4.075	4.015	3.954	3.893	3.856	3.770
Max. Power Current	Im (A)	7.991	7.903	7.814	7.709	7.863	7.581
Short Circuit Current	Isc (A)	8.649	8.548	8.459	8.329	8.273	8.174
Max. Power Voltage	Vm (V)	0.510	0.508	0.506	0.505	0.502	0.497
Open Circuit Voltage	Voc (V)	0.620	0.618	0.615	0.615	0.615	0.611

E-TPB156 TYPE		152	150	147	145	142	140
Efficiency	Eff (%)	15.25	15.00	14.75	14.50	14.25	14.00
Power	Pm (Wp)	3.710	3.651	3.591	3.529	3.469	3.409
Max. Power Current	Im (A)	7.519	7.438	7.364	7.242	7.158	7.072
Short Circuit Current	Isc (A)	8.116	8.043	8.000	7.858	7.791	7.727
Max. Power Voltage	Vm (V)	0.494	0.491	0.488	0.487	0.485	0.482
Open Circuit Voltage	Voc (V)	0.608	0.606	0.604	0.603	0.602	0.600