



Fortune Global **500** Company background
Over **50** years experience in power manufacturing industry

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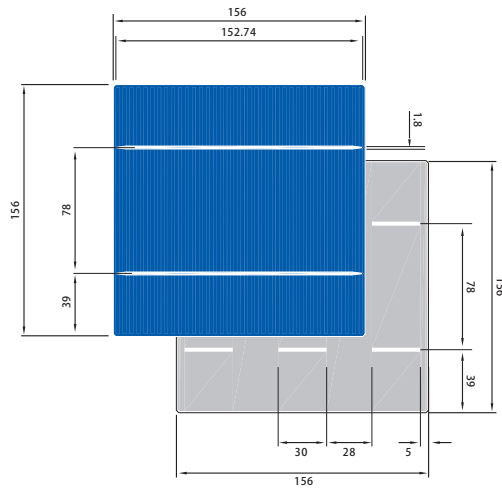
TWP156 Multicrystalline Silicon Solar Cells

TWP156x156

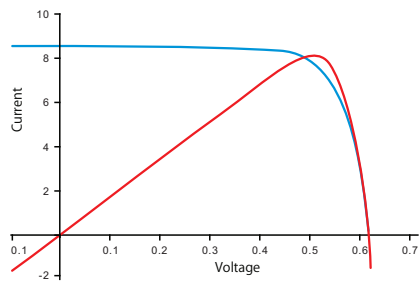
Size(mm)	156 ±0.5
Thickness(μm)	210
Tolerance(μm)	±20

Temperature Coefficients:

TkCurrent:	0.055%/°C
TkVoltage:	-0.3274%/°C
TkPower:	-0.4%/°C



TWP156x156 IV Curves



Light Intensity Dependence

Intensity(W/m ²)	Isc	Uoc	Pmm
1000	1.000	1.000	1.000
900	0.905	0.996	0.901
800	0.804	0.990	0.796
500	0.501	0.970	0.486
300	0.299	0.946	0.283
200	0.200	0.927	0.185

TWP156x156	Efficiency	Max-power	Max-power Voltage	Max-power Current	Open-Circuit Voltage	Short-Circuit Current
	Eff (%)	Pm (Wp)	Vm (V)	Im (A)	Voc (V)	Isc (A)
A1775	17.625-17.875	4.32	0.5223	8.2651	0.6259	8.8490
A1750	17.375-17.625	4.26	0.5188	8.2076	0.6231	8.7929
A1725	17.125-17.375	4.2	0.5164	8.1282	0.6209	8.7137
A1700	16.875-17.125	4.14	0.5139	8.0505	0.6185	8.6243
A1675	16.625-16.875	4.08	0.5124	7.9450	0.6166	8.5075
A1650	16.375-16.625	4.02	0.5106	7.8615	0.6149	8.4175
A1625	16.125-16.375	3.95	0.5100	7.7574	0.6141	8.3136
A1600	15.875-16.125	3.89	0.5083	7.6740	0.6129	8.2484
A1575	15.625-15.875	3.83	0.5027	7.6410	0.6096	8.2227
A1530	15.175-15.425	3.74	0.4927	7.5776	0.6066	8.2297

Notes : All datas are acquired at Standard Test Condition (STC) , AM=1.5 ; E=1000W/m² ;T=25 °C).