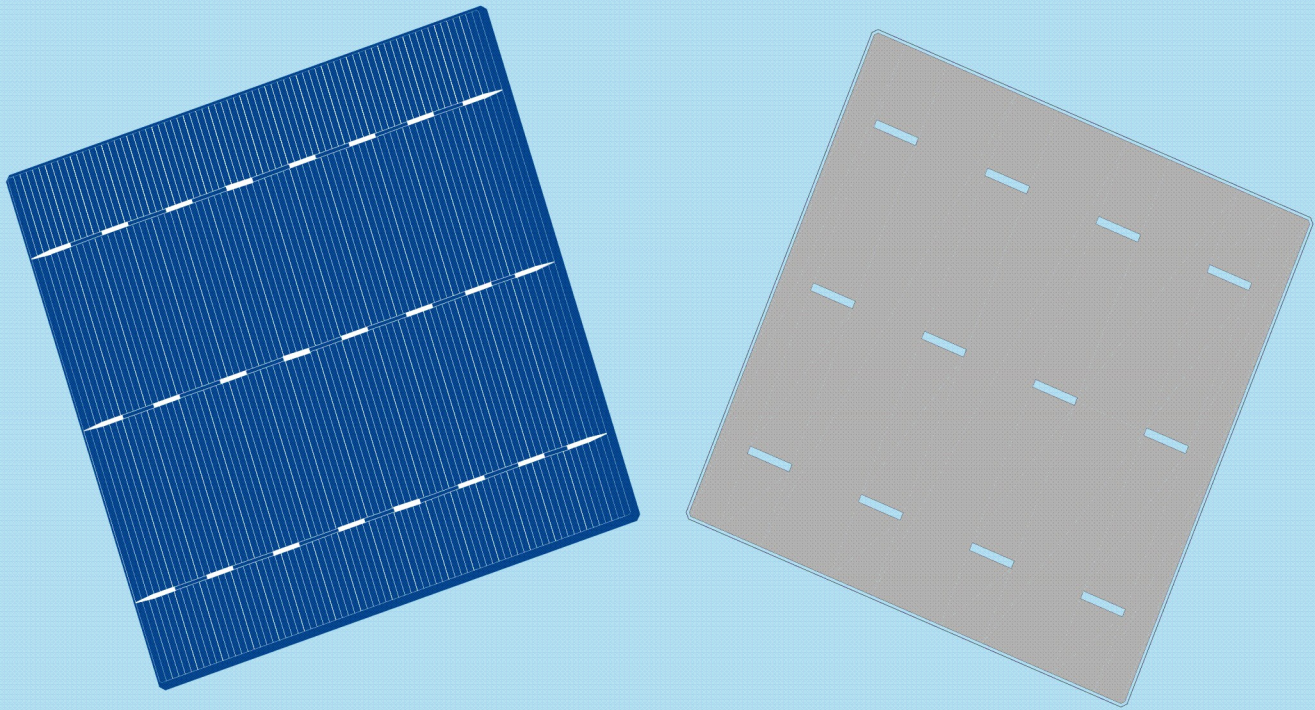


TWP156 Multicrystalline Silicon Solar Cells



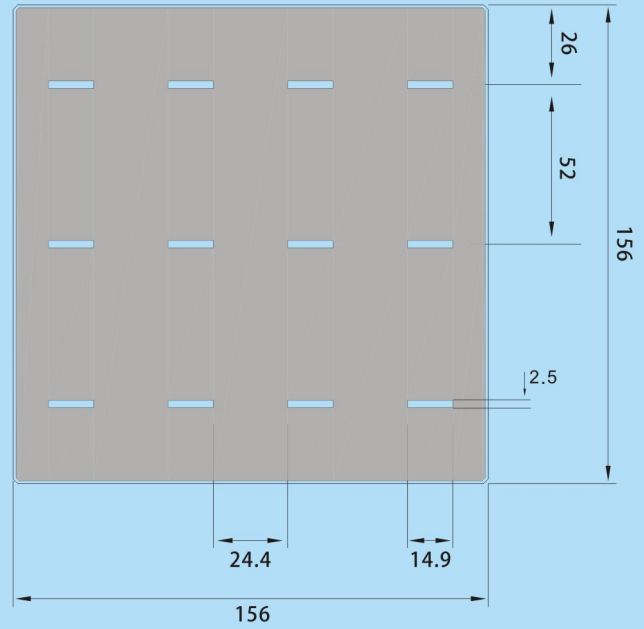
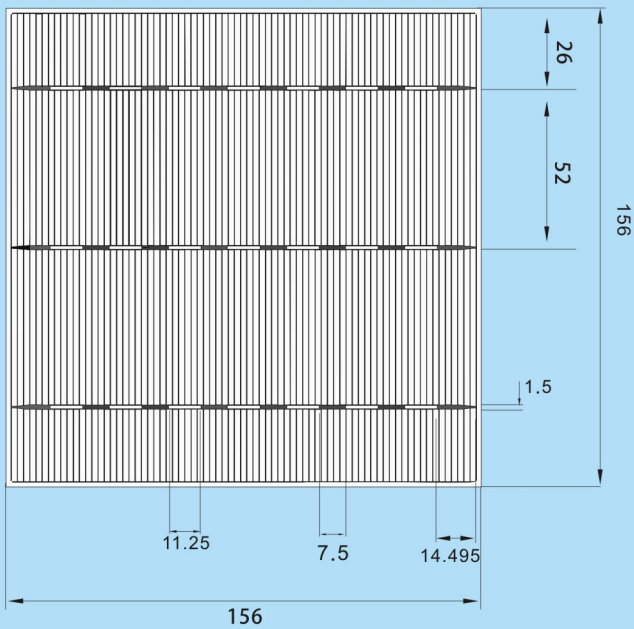
Mechanical Characteristics

Size (mm)	156 ± 0.5	Thickness(μ m)	200 ± 20
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TWP 156*156	Efficiency	Max-power	Max-power voltage	Max-power current	Open-Circuit voltage	Shot-Circuit Current
	Eff(%)	Pm(Wp)	Vm(V)	Im(A)	Voc(V)	Isc(A)
1800	18.00-18.20	4.38	0.5335	8.2133	0.6347	8.7499
1780	17.80-18.00	4.33	0.5325	8.1346	0.6331	8.6683
1760	17.60-17.80	4.28	0.5295	8.0878	0.6308	8.6275
1740	17.40-17.60	4.23	0.5262	8.0478	0.6283	8.5950
1720	17.20-17.40	4.19	0.5225	8.0101	0.6255	8.5599
1700	17.00-17.20	4.14	0.5191	7.9692	0.6223	8.5209
1680	16.80-17.00	4.09	0.5147	7.9482	0.6189	8.5092
1660	16.60-16.80	4.04	0.5103	7.9176	0.6155	8.4946
1640	16.40-16.60	3.99	0.5077	7.8645	0.6099	8.4099
1620	16.20-16.40	3.94	0.5029	7.8410	0.6067	8.3953
1600	16.00-16.20	3.89	0.5007	7.7881	0.6042	8.3356

Notes: All data are acquired at Standard Test Condition (STC), AM1.5, 1000W/m², 25°C.

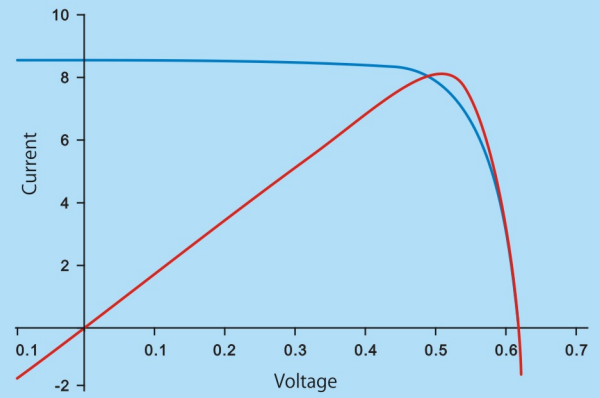
Specifications subject to technical change without prior notice. Tianwei new energy reserves the rights of final interpretation.



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

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

IV Curves



Tianwei New Energy Holdings Co.,Ltd.

Add: No.1 Tianwei Road, Chengdu, China, 610200

Tel: 028-67050045, 028-67050037, 028-67050039

Fax: 028-67050038

E-mail:sales@twnesolar.com

www.twnesolar.com