

MONO PERC BIFACIAL SOLAR CELL

Technical Parameters

Size	210mm x 210mm±0.25mm
Thickness	165μm±17.5μm
Front(-)	12 busbar Busbar Width 0.07±0.05mm Silicon oxide + blue silicon nitride compound anti-reflection coating (PID Free).
Back(+)	12 busbar The width is 1.1 ± 0.3mm Passivated layer (AlOx and SiNx) and Rear Contact (Al)

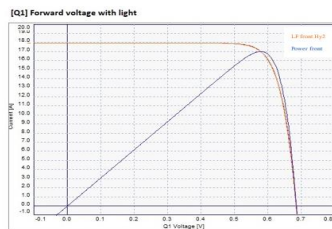
Temperature Coefficient

TkVoltage: -0.36%/K

TkCurrent: +0.07%/K

TkPower: -0.38%/K

Iv Curve



Intensity Dependence

Intensity(W/m²)	Voc(mV)	Isc(mA)
1000	1.000	1.000
800	0.990	0.801
600	0.977	0.600
200	0.923	0.195

*Voc(Isc) is 1000W/m², Voc(Isc) output ratio.

Electrical Parameters

Eff(%)	Pm(Wp)	Umpp(V)	Impp(A)	Voc(V)	Isc(A)
23.6	10.41	0.595	17.490	0.6955	18.266
23.5	10.36	0.594	17.442	0.6950	18.236
23.4	10.32	0.593	17.404	0.6945	18.210
23.3	10.27	0.592	17.355	0.6940	18.176
23.2	10.23	0.591	17.311	0.6932	18.150
23.1	10.19	0.590	17.265	0.6925	18.125
23.0	10.14	0.588	17.245	0.6917	18.114
22.9	10.10	0.587	17.201	0.6912	18.092
22.8	10.05	0.586	17.158	0.6903	18.063
22.7	10.01	0.584	17.143	0.6895	18.048
22.6	9.97	0.583	17.095	0.6887	18.015
22.5	9.92	0.582	17.050	0.6878	17.982
22.4	9.88	0.580	17.029	0.6863	17.965
22.3	9.83	0.579	16.983	0.6842	17.951
22.2	9.79	0.577	16.964	0.6828	17.925
22.1	9.75	0.575	16.949	0.6812	17.908
22.0	9.70	0.574	16.902	0.6795	17.887
21.9	9.66	0.572	16.884	0.6781	17.866
21.8	9.61	0.570	16.864	0.6766	17.841
21.7	9.57	0.569	16.818	0.6745	17.828
21.6	9.52	0.567	16.797	0.6733	17.805
21.5	9.48	0.565	16.782	0.6721	17.792
21.4	9.44	0.564	16.732	0.6710	17.775

*Under Standard Testing Conditions(STC): Irradiance1000W/m², AM1.5, Temperature25°C.

