

TOPCON BIFACIAL SOLAR CELL

Technical Parameters

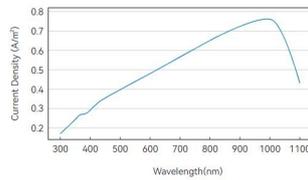
Measurement	210mm x 210mm±0.5mm
Thickness	130μm±15μm
Front(-)	18 busbars Busbar width 0.036±0.02mm Silicon oxide +blue silicon nitride compound anti-reflection coating (PID Free)
Back(+)	18 busbars Busbar width 0.036 ± 0.02mm Silicon nitride anti-reflection coating

Temperature Coefficient Spectral Response

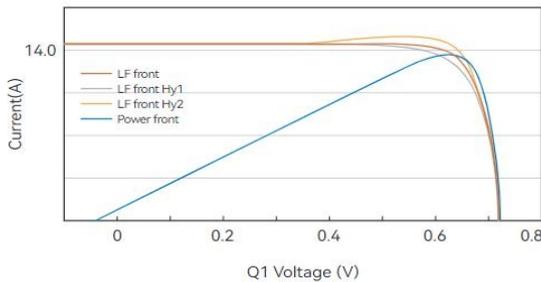
kVoltage: -0.25%/K

kCurrent: +0.045%/k

TkPower: -0.30%/K



IV Curve



Electrical Parameters

Eff(%)	Pm(Wp)	Umpp(V)	Impp(A)	Voc(V)	Isc(A)	FF(%)
26.0	11.46	0.656	17.47	0.732	18.44	84.93
25.9	11.42	0.654	17.46	0.732	18.39	84.87
25.8	11.38	0.652	17.46	0.731	18.37	84.70
25.7	11.33	0.649	17.45	0.731	18.35	84.53
25.6	11.29	0.647	17.45	0.730	18.34	84.33
25.5	11.24	0.645	17.44	0.730	18.33	84.07
25.4	11.20	0.642	17.44	0.729	18.32	83.85
25.3	11.16	0.640	17.44	0.728	18.31	83.62
25.2	11.11	0.637	17.43	0.728	18.30	83.42
25.1	11.07	0.635	17.43	0.726	18.30	83.33
25	11.02	0.632	17.43	0.726	18.28	83.10
24.9	10.98	0.630	17.43	0.725	18.28	82.88
24.8	10.94	0.628	17.41	0.724	18.26	82.70
24.7	10.89	0.626	17.39	0.723	18.25	82.50
24.6	10.85	0.624	17.37	0.722	18.25	82.32
24.5	10.80	0.622	17.37	0.721	18.24	82.11
24.4	10.76	0.620	17.35	0.720	18.22	81.95
24.3	10.72	0.618	17.35	0.720	18.22	81.71
24.2	10.67	0.616	17.33	0.719	18.20	81.54
24.1	10.63	0.615	17.29	0.718	18.19	81.32

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

