

MONO PERC+ SE BIFACIAL SOLAR CELL

Technical parameters

Size	166mm x 166mm±0.25mm
Thickness	180μm±30μm
Front(-)	1.34±0.8mm wide bus bars, Silicon oxide + blue silicon nitride compound anti-reflection coating (PID Free).
Back(+)	The width is 1.6 ± 0.5mm, Silicon nitride anti-reflection coating

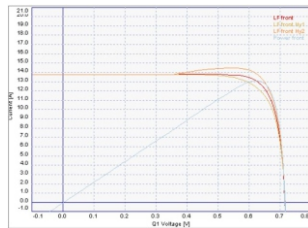
Temperature coefficient

kVoltage: -0.28%/K

kCurrent: +0.03%/K

TkPower: -0.35%/K

Iv curve



Intensity Dependence

Intensity(W/m²)	Voc(mV)	Isc(mA)
1000	1.000	1.000
900	0.996	0.903
800	0.991	0.803
600	0.988	0.602
400	0.962	0.403

*Voc(Isc)is1000W/m²,Voc(Isc)Outputratio.

Electrical Parameters

Eff(%)	Pm(Wp)	Umpp(V)	Impp(A)	Voc(V)	Isc(A)	FF(%)
23.4	6.42	0.5950	10.792	0.6910	11.307	82.19
23.3	6.40	0.5950	10.799	0.6910	11.284	82.19
23.2	6.36	0.5940	10.712	0.6880	11.256	82.16
23.1	6.33	0.5901	10.727	0.6905	11.246	81.51
23.0	6.31	0.5886	10.714	0.6893	11.23	81.48
22.9	6.28	0.5871	10.69	0.6881	11.216	81.36
22.8	6.25	0.5856	10.674	0.6869	11.201	81.24
22.7	6.22	0.5843	10.65	0.6856	11.187	81.14
22.6	6.20	0.5826	10.635	0.6847	11.172	81.00
22.5	6.17	0.5811	10.615	0.6835	11.158	80.88
22.4	6.14	0.5795	10.598	0.6823	11.142	80.78
22.3	6.11	0.5779	10.579	0.6811	11.128	80.66
22.2	6.09	0.5764	10.559	0.6793	11.121	80.57
22.1	6.06	0.5749	10.54	0.6789	11.103	80.38
22.0	6.03	0.5731	10.525	0.6776	11.090	80.26
21.9	6.00	0.5716	10.503	0.6765	11.073	80.15
21.8	5.98	0.5700	10.485	0.6753	11.057	80.04
21.7	5.95	0.5684	10.467	0.6742	11.042	79.91
21.6	5.92	0.5669	10.446	0.6729	11.028	79.80
21.5	5.89	0.5654	10.426	0.6717	11.011	79.70

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

