

MONO PERC SOLAR CELL

Technical parameters

Measurement	158.75mm x 158.75mm±0.25mm
Thickness	170µm±30µm
Front(-)	0.6±0.1mm wide bus bars, Blue anti-reflecting coating (silicon nitride)
Back(+)	1.6±0.3mm wide soldering pads(silver) Back surface field(aluminum)

Intensity Dependence

Intensity(W/m ²)	Voc(mV)	Isc(mA)
1000	1.000	1.00
800	0.986	0.80
600	0.974	0.60
400	0.967	0.50
200	0.932	0.20
100	0.9	0.10

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

Electrical Parameters

Eff(%)	Pm(Wp)	Vmpp(V)	Imp(A)	Voc(V)	Isc(A)	FF(%)
22.7	5.72	0.587	9.745	0.687	10.183	81.76
22.6	5.69	0.586	9.718	0.686	10.171	81.55
22.5	5.67	0.585	9.692	0.685	10.16	81.47
22.4	5.64	0.584	9.665	0.684	10.152	81.22
22.3	5.62	0.583	9.622	0.683	10.140	81.15
22.2	5.59	0.582	9.596	0.682	10.125	80.95
22.1	5.57	0.581	9.585	0.681	10.110	80.90
22.0	5.54	0.580	9.558	0.680	10.100	80.66
21.9	5.52	0.578	9.548	0.678	10.092	80.65
21.8	5.49	0.576	9.537	0.676	10.084	80.53
21.7	5.47	0.574	9.526	0.675	10.077	80.41

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

Temperature coefficient

TkVoltage: -0.36%/K

TkCurrent: +0.07%/K

TkPower: -0.38%/K

Iv curve

