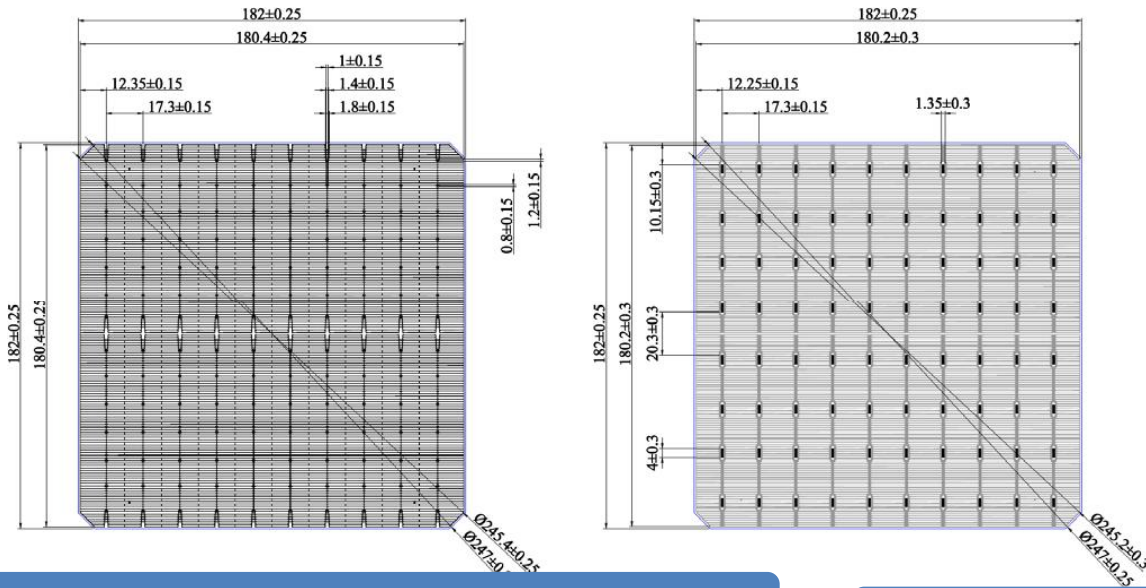


# AE182MP-10BB MONO PERC + SE BIFACIAL SOLAR



## Technical parameters

Measurement	182mm x 182mm±0.25mm
Thickness	180µm±30µm
Front	The front side is a half-cut design. Distance between busbar 17.3 ± 0.3mm. Silicon oxide + blue silicon nitride compound anti-reflection coating (PID Free).
BACK(+)	The width is 1.4 ± 0.3mm, Silicon nitride anti-reflection coating.

## Electrical Parameters

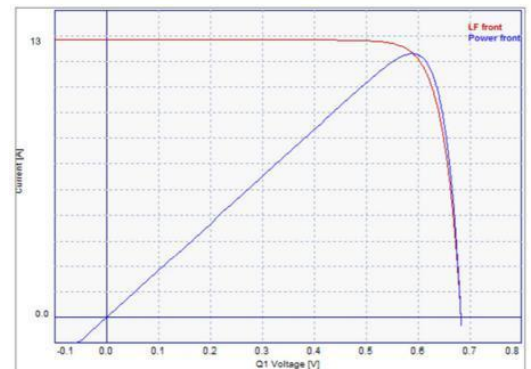
Eff(%)	Pm(Wp)	Vmpp(V)	Imp(A)	Voc(V)	Isc(A)	FF%
23.2	7.65	0.605	12.645	0.6869	13.380	83.23
23.1	7.62	0.603	12.637	0.6861	13.363	83.11
23.0	7.59	0.601	12.629	0.6853	13.349	82.97
22.9	7.56	0.599	12.621	0.6846	13.334	82.66
22.8	7.53	0.597	10.619	0.6837	13.316	82.48
22.7	7.49	0.595	10.584	0.6830	13.300	82.32
22.6	7.46	0.593	10.581	0.6822	13.285	82.11
22.5	7.43	0.591	10.578	0.6813	13.281	81.97
22.4	7.40	0.589	10.564	0.6801	13.274	81.81
22.3	7.36	0.587	10.538	0.6781	13.269	81.71
22.2	7.33	0.585	10.537	0.6765	13.257	81.59
22.1	7.30	0.583	10.524	0.6750	13.249	81.40
22.0	7.26	0.580	10.510	0.6738	13.240	81.23

\*Under Standard Testing Conditions(STC):  
Irradiance1000W/m<sup>2</sup>, AM1.5, Temperature25°C.

## Temperature coefficient

TkVoltage:	-0.36 %/K
TkCurrent:	+0.07%/K
TkPower:	-0.38%/K

## IV curve



## Intensity Dependence

Intensity(W/m <sup>2</sup> )	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) is 1000 W/m<sup>2</sup>,Voc(Isc) Output ratio.