

BIFICIAL MONO PERC CELLS

182mm x 182mm

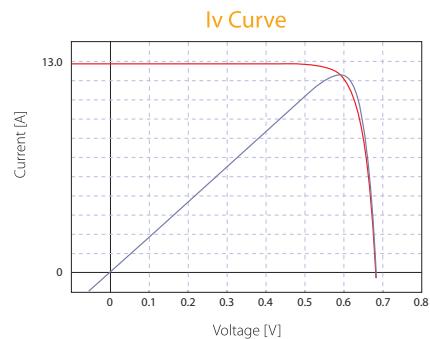


Mechanical Characteristics

Format	182mm×182mm±0.5mm
Thickness	175±17.5um
Front (-)	10*0.06±0.03mm silver segmented busbar Blue anti-reflecting, coating (silicon nitride)
Back (+)	1.2±0.3mm wide soldering silver pads Back surface field (aluminium)

Temperature Characteristics

Current Temperature Coefficient-Isc	TkCurrent: +0.07%/K
Voltage Temperature Coefficient-Voc	TkVoltage: -0.36%/K
Power Temperature Coefficient-Pmax	TkPower: -0.38%/K



Electrical Characteristics under STC* (Front Side)

Efficiency (%)	23.2	23.0	22.8	22.6	22.4	22.2
Power-Ppm (W)	7.66	7.59	7.53	7.46	7.40	7.33
Current at Maximum Power-Imp(A)	12.965	12.888	12.819	12.755	12.709	12.652
Short Circuit Current-Isc(A)	13.593	13.577	13.560	13.548	13.534	13.501
Voltage at Maximum Power-Vmp(V)	0.591	0.589	0.587	0.585	0.582	0.579
Open Circuit VoltageVoc(V)	0.692	0.690	0.688	0.686	0.683	0.681

Electrical Characteristics under STC* (Back Side)

Efficiency (%)	> 16	15.5 - 16	15 - 15.5	< 15
Power-Ppm (W)	5.28	5.18	5.02	4.89
Current at Maximum Power-Imp(A)	9.136	9.068	8.877	8.743
Short Circuit Current-Isc(A)	10.117	10.056	9.989	9.903
Voltage at Maximum Power-Vmp(V)	0.578	0.572	0.565	0.559
Open Circuit VoltageVoc(V)	0.676	0.675	0.673	0.671

