

BIFACIAL MONO PERC CELLS

182.2mm x 182.2mm

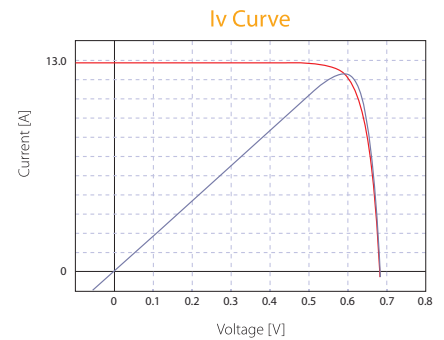


Mechanical Characteristics

Format	182.2mm×182.2mm±0.25mm
Thickness	165±25 μm
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 (%)	23.5	23.3	23.1	22.9	22.7	22.5
Power-Ppm (W)	7.76	7.69	7.63	7.56	7.49	7.43
Current at Maximum Power-Imp(A)	13.054	12.998	12.924	12.850	12.785	12.723
Short Circuit Current-Isc(A)	13.646	13.602	13.584	13.568	13.554	13.539
Voltage at Maximum Power-Vmp(V)	0.594	0.592	0.590	0.588	0.586	0.584
Open Circuit VoltageVoc(V)	0.695	0.693	0.691	0.689	0.687	0.685

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

