

BIFACIAL MONO PERC CELL 9BB

166mm x 166mm

Mechanical Characteristics

Format	166mm*166mm±0.25mm
Thickness	190±30um
Front (-)	9*0.1±0.03mm silver segmented busbar Blue anti-reflecting, coating (silicon nitride)
Back (+)	1.3±0.25mm 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 (%)	22.9	22.7	22.5	22.3	22.1	21.9
Power-Ppm (W)	6.28	6.22	6.17	6.11	6.06	6.00
Current at Maximum Power-Imp(A)	10.582	10.540	10.503	10.477	10.448	10.424
Short Circuit Current-Isc(A)	11.113	11.105	11.082	10.060	11.039	11.014
Voltage at Maximum Power-Vmp(V)	0.5933	0.5905	0.5873	0.5835	0.5799	0.5760
Open Circuit VoltageVoc(V)	0.6874	0.6837	0.6811	0.6790	0.6777	0.6748

Electrical Characteristics under STC* (Back Side)

Efficiency (%)	> 16	15.5 - 16	15 - 15.5	< 15
Power-Ppm (W)	4.44	4.30	4.17	4.06
Current at Maximum Power-Imp(A)	7.549	7.492	7.335	7.173
Short Circuit Current-Isc(A)	8.019	7.940	7.735	7.554
Voltage at Maximum Power-Vmp(V)	0.5884	0.5782	0.5721	0.5657
Open Circuit VoltageVoc(V)	0.6788	0.6688	0.6650	0.6592

