

MONO-CRYSTALLINE SILICON SOLAR CELL

182mm x 182mm

Mechanical Characteristics

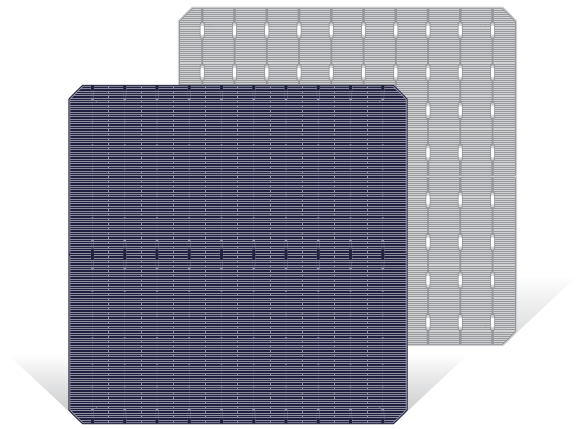
Format	182mm×182mm±0.25mm
Thickness	180um±20ummm
Front (-)	10BB, Distance between busbars 17.3±0.15mm Silicon nitride anti-reflection coating
Back (+)	Distance between back busbars 17.3±0.15mm

Temperature Characteristics

Current Temperature Coefficient-Isc	TkCurrent: +0.06%/K
Voltage Temperature Coefficient-Voc	TkVoltage: -0.30%/K
Power Temperature Coefficient-Pmax	TkPower: -0.39%/K

Electrical Characteristics under STC*

Efficiency (%)	23.3	23.1	22.9	22.7	22.5	22.3
Power-Ppm (W)	7.69	7.63	7.56	7.49	7.43	7.36
Current at Maximum Power-Imp(A)	12.539	12.495	12.401	12.324	12.245	12.174
Short Circuit Current-Isc(A)	13.583	13.551	13.479	13.419	13.397	13.358
Voltage at Maximum Power-Vmp(V)	0.613	0.611	0.610	0.608	0.607	0.605
Open Circuit VoltageVoc(V)	0.690	0.688	0.687	0.686	0.685	0.684



I-V CURVE

