

M210-N TYPE 18BB

Data Sheet



Extremely low light-induced degradation



Strong low-light response



Low temperature poly-Si deposition process



Advanced Laser-enhanced contact optimization



Extremely low light-induced degradation



High module sealed power



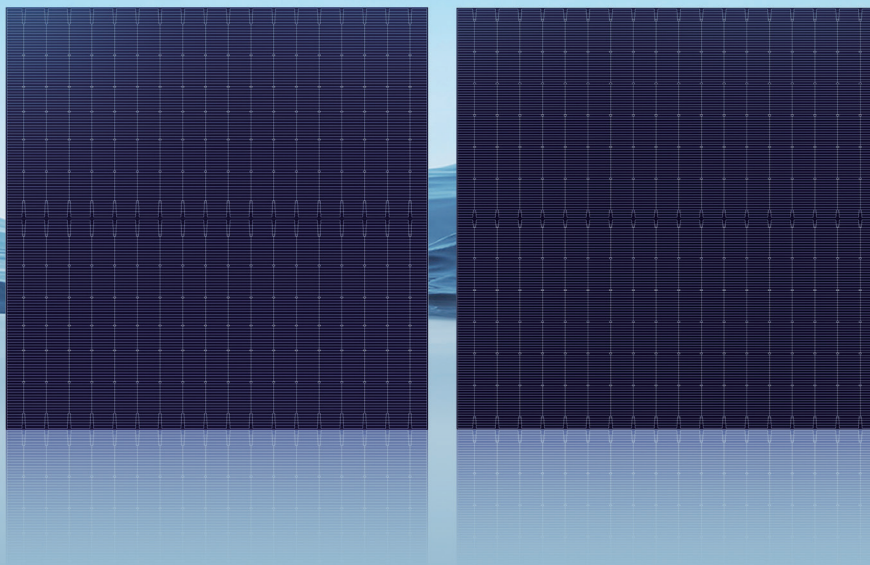
Advanced passivation& doping technology



Strong weather resistance



Extremely low light-induced degradation



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TECHNICAL CHARACTERISTICS

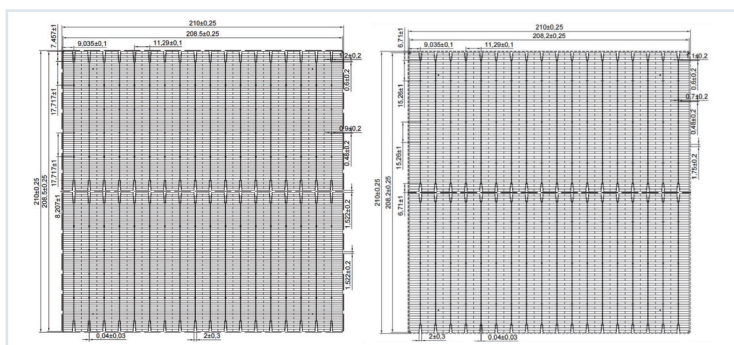
Dimension	210mm*210mm±0.25mm	TkVoltage:-0.26%/K
Thickness	130±30um	TkCurrent:0.046%/K
Front	18*0.04±0.03mm main bus bar (silver), 120±12 auxiliary bus bar, blue (dark blue) anti-reflective film (silicon nitride)	TkPower:-0.32%/K
Back(+)	18*0.04±0.03mm main bus bar (silver), 138±14 auxiliary bus bar, blue (dark blue) anti-reflective film (silicon nitride)	Rsh≥35Ω,Irev2≤1A

LIGHT INTENSITY AND RELIABILITY

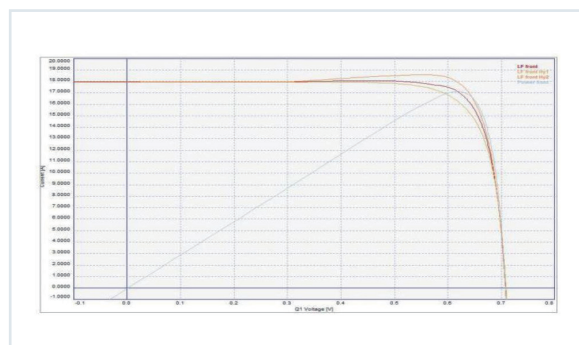
Intensity(W/m²)	Voc	Isc
1000	1.000	1.000
900	0.996	0.903
800	0.991	0.803
600	0.988	0.602
400	0.962	0.403

The Voc(Isc) tested by 1000W/m² is the standard, and the Voc(Isc) decreases with the strong decrease in light.

PRINTING GRAPHICS



IV CURVE



WELDABILITY Minimum peeling intensity ≥0.5N/mm Results may vary depending on the welding ribbon, welding methods and conditions.

ELECTRICAL CHARACTERISTICS

Eff(%)	Pmp(W)	Vmpp(V)	Imp(A)	Voc(V)	ISC(A)	FF(%)
25.7	11.33	0.6250	18.132	0.7250	18.2459	85.67
25.6	11.29	0.6242	18.084	0.7241	18.2316	85.51
25.5	11.24	0.6236	18.031	0.7234	18.2141	85.34
25.4	11.20	0.6228	17.983	0.7225	18.2037	85.16
25.3	11.16	0.6221	17.934	0.7216	18.1888	85.00
25.2	11.11	0.6213	17.886	0.7207	18.1780	84.82
25.1	11.07	0.6204	17.839	0.7197	18.1868	84.56
25.0	11.02	0.6197	17.791	0.7188	18.1843	84.34
24.9	10.98	0.6190	17.739	0.7180	18.1943	84.05
24.8	10.94	0.6183	17.688	0.7172	18.2108	83.73
24.7	10.89	0.6175	17.638	0.7163	18.1993	83.55
24.6	10.85	0.6168	17.587	0.7155	18.1698	83.44
24.5	10.80	0.6161	17.535	0.7147	18.1445	83.31
24.4	10.76	0.6154	17.483	0.7139	18.1277	83.14
24.3	10.72	0.6147	17.431	0.7131	18.1041	83.00
24.2	10.67	0.6142	17.374	0.7125	18.0775	82.85
24.1	10.63	0.6138	17.314	0.7120	18.0481	82.70
24.0	10.58	0.6126	17.276	0.7106	18.0348	82.58
23.9	10.54	0.6119	17.223	0.7098	18.0060	82.46

STC:1000W/m², AM1.5, 25°C/Specifications and data for reference only.