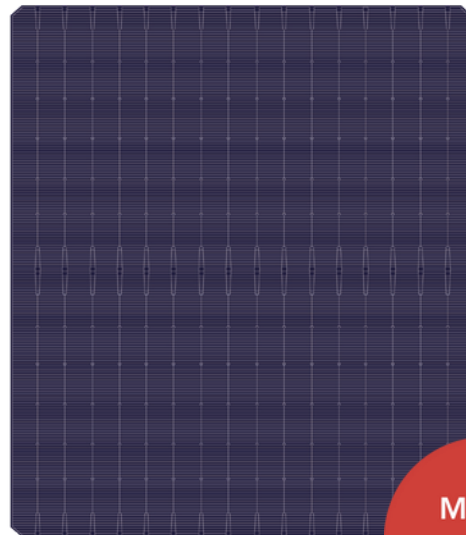
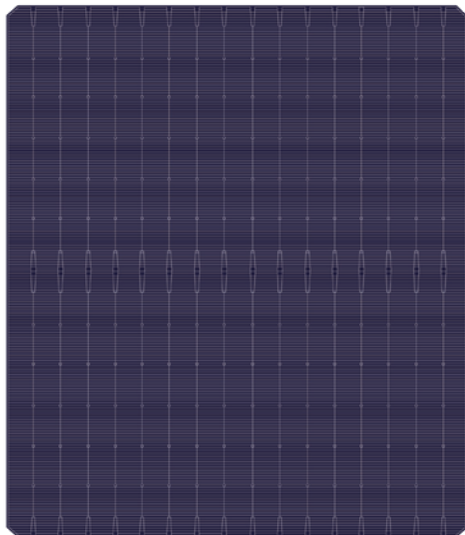


M210-N TYPE 16BB Data Sheet



MADE
IN
PHILIPPINES



High conversion efficiency with high reliability



No light-induced degradation



Uniform cell performance with stable process control



Both sides can generate electricity



Low mismatch of cell performance during encapsulation



Excellent power generation performance under low irradiation



Low hot spot effect

M210-N TYPE 16BB Data Sheet

TECHNICAL CHARACTERISTICS

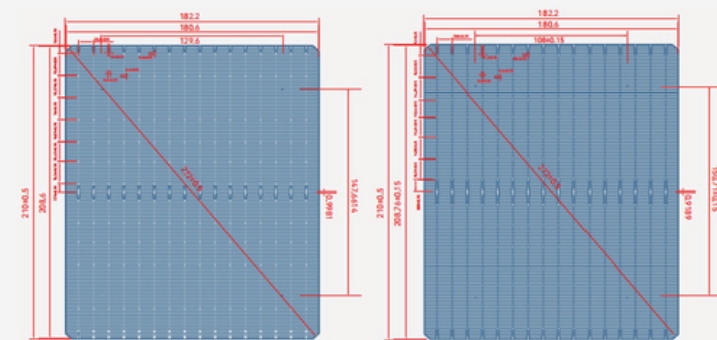
Dimension	210mm*182.2mm±0.5mm/ 272±0.5mm	TkVoltage:-0.26%/K
Thickness	135±13.5μm	TkCurrent:0.046%/K
Front	1.2*0.8/0.8*0.6±0.3 bus bars(silver) black anti-reflecting coating(silicon nitride)	TkPower:-0.30%/K
Back(+)	1.2*0.8/0.8*0.6±0.3 bus bars(silver) black anti-reflecting coating(silicon nitride)	Rsh≥50Ω,Irev2≤0.5A

LIGHT INTENSITY AND RELIABILITY

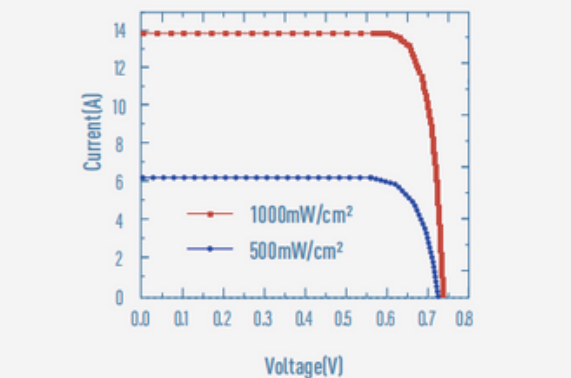
Intensity(W/m2	Uoc	Isc
1000 900 800	1.000	1.000
600 400	0.996	0.903
	0.991	0.803
	0.988	0.602
	0.962	0.403

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

PRINTING GRAPHICS



IV CURVE



WELDABILITY

Minimum peeling intensity $\geq 1.0\text{N/mm}$

Results may vary depending on the welding ribbon, welding methods and conditions.

ELECTRICAL CHARACTERISTICS

Eff(%)	Pmp(W)	Umpp(V)	Impp(A)	Voc(V)	ISC(A)	FF(%)
A2590	9.89	0.6367	15.5331	0.7284	15.7806	86.04
A2580	9.85	0.6354	15.5048	0.7273	15.7672	85.91
A2570	9.81	0.6343	15.4715	0.7264	15.7384	85.84
A2560	9.78	0.6332	15.4380	0.7248	15.7295	85.74
A2550	9.74	0.6321	15.4045	0.7224	15.7280	85.70
A2540	9.70	0.6308	15.3757	0.7209	15.7108	85.63
A2530	9.66	0.6296	15.3444	0.7189	15.7017	85.59
A2520	9.62	0.6274	15.3373	0.7175	15.6907	85.47
A2510	9.58	0.6258	15.3155	0.7164	15.6803	85.32
A2500	9.55	0.6241	15.2960	0.7158	15.6500	85.21

STC:1000W/m²,AM1.5,25 °C