

N-Type TOPCon

210 Mono Bifacial 18BB Cell



GRAND MOUNTAIN



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KEY FEATURES



Higher Conversion Efficiency



Uniform Cell Performance



Excellent Power Generation Performance



Low Light-induced Degradation

Average Efficiency

24.7~25.3%

Technical Data And Design

TkPower: -0.25%/K	TkVoltage: -0.30 %/K	TkCurrent: +0.045%/K
Dimension: 210mm*210mm±0.25mm	Cell Thickness :130±13 μ m	Solderability : ≥0.9N/mm
Front (-): 18*0.05mm busbar (silver), 168 fingers, blue anti-reflection film (silicon oxynitride)(nitrous oxide)		
Back (+): 18*0.05mm busbar (silver), 174 fingers, blue anti-reflection film (silicon nitride)		
The results may be influenced by electrode, welding method and conditions.		

Electrical Performance

Efficiency	Unit	25.3	25.2	25.1	25.0	24.9	24.8	24.7	24.6	24.5	24.3	24.2	24.1	24.0
Voc	V	0.7205	0.7199	0.7188	0.7175	0.7168	0.7160	0.7148	0.7145	0.7129	0.7102	0.7088	0.7072	0.7060
Isc	A	18.397	18.386	18.365	18.341	18.310	18.280	18.250	18.230	18.200	18.160	18.150	18.150	18.130
Vmpp	V	0.618	0.614	0.612	0.608	0.605	0.604	0.602	0.600	0.599	0.594	0.593	0.591	0.589
Impp	A	18.042	18.078	18.072	18.125	18.083	18.063	18.073	18.067	18.030	18.047	17.993	17.986	17.963
Pmpp	W	11.15	11.10	11.06	11.02	10.94	10.91	10.88	10.84	10.80	10.72	10.67	10.63	10.58
FF%	W	84.14	83.92	83.84	83.74	83.65	83.57	83.49	83.34	83.25	83.08	82.94	82.80	82.66

Standard Test Conditions: 1000W/m², AM1.5, 25 °C

Packaging Storage

Solar cells are closely packed with soft sponge around and heat shrink is used around the box unit. Outer packing box must have shock buffer, to be suitable for long-distance delivery.

After packaging, cells should be stored indoors in the conditions of good ventilation, dry, humidity below 60%, and temperature ≤ 40 °C . Cells should be sampling inspected again if the storage time over 45 days.

Iv Curve

