

Cell

N-TOPCon
210R-16BB



TOP PV TECH,
DRIVING ONWARD FOR GREEN ENERGY

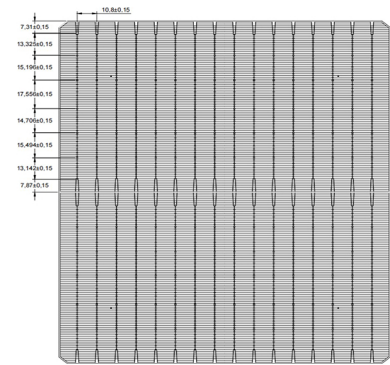
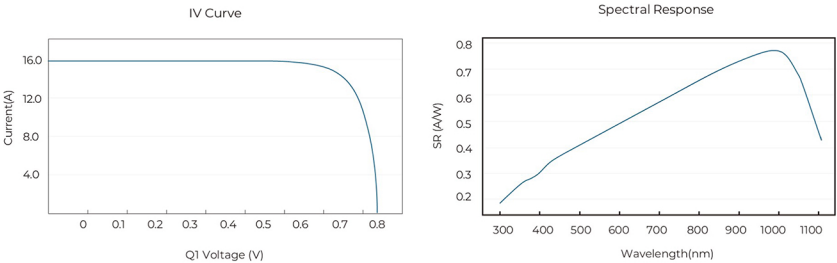
Monocrystalline Silicon Cell Specification

N-TOPCon-210R-16BB-Grade A

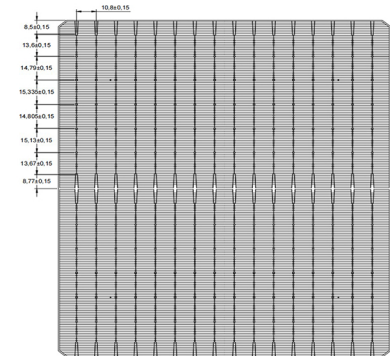
Mechanical Characteristics	
Model	210mono-crystalline Bifacial solar cell
Dimension	182.3mm×210mm±0.5mm,φ272mm±0.5mm
Thickness	130μm±13μm
Front	16busbars,14pads,186fingers,busbar width 0.036mm±0.02mm
Back	16busbars,14pads,186fingers,busbar width 0.036mm±0.02mm

Temperature coefficient		
0.045%/K	-0.30%/K	-0.25%/K
TkCurrent	TkPower	TkVoltage

Performance curve



Front surface



Rear surface

Front Efficiency						
Eff(%)	Pmpp(W)	Vmpp (V)	Ipp(A)	Voc(v)	Isc(A)	Fill factor(%)
25.5	9.74	0.654	14.89	0.733	15.93	85.14
25.4	9.70	0.653	14.85	0.732	15.91	85.03
25.3	9.66	0.652	14.81	0.731	15.9	84.9
25.2	9.62	0.650	14.80	0.73	15.9	84.7
25.1	9.58	0.648	14.79	0.729	15.9	84.59
25	9.55	0.644	14.82	0.727	15.9	84.39
24.9	9.51	0.642	14.80	0.727	15.9	84.06
24.8	9.47	0.638	14.84	0.724	15.88	84.24
24.7	9.43	0.638	14.79	0.725	15.89	83.6
24.6	9.39	0.631	14.88	0.721	15.91	83.59
24.5	9.36	0.630	14.84	0.724	15.89	83.02
24.4	9.32	0.628	14.84	0.72	15.91	83.11
24.3	9.28	0.628	14.78	0.725	15.87	82.48
23	8.78	0.623	14.10	0.725	15.87	81.66