

Cell

N-TOPCon

183-16BB



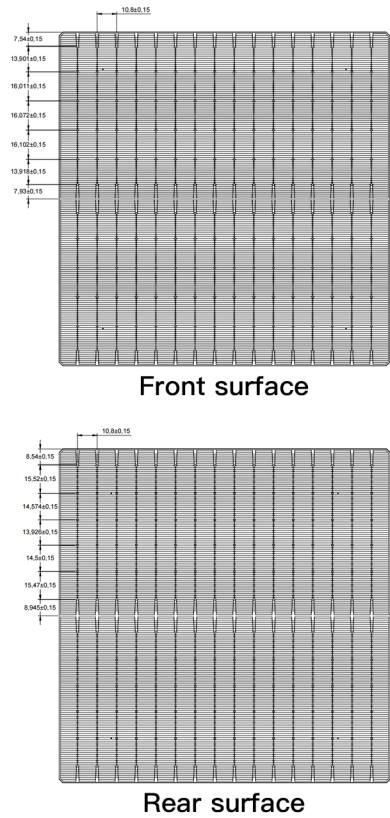
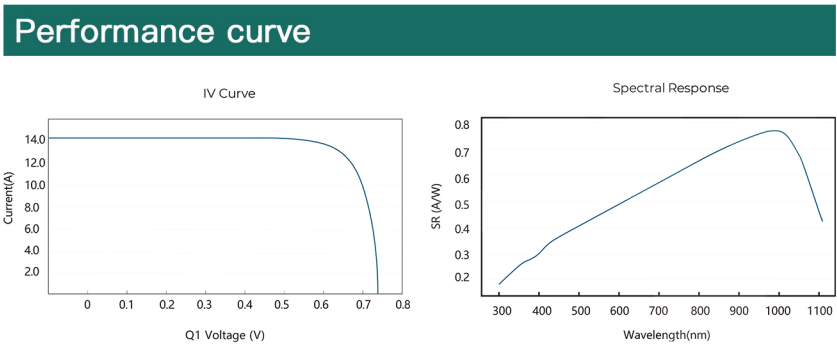
TOP PV TECH,
DRIVING ONWARD FOR GREEN ENERGY

Monocrystalline Silicon Cell Specification

N-TOPCon-183-16BB-Grade A

Mechanical Characteristics	
Model	182 mono-crystalline Bifacial solar cell
Dimension	182.2mm×183.75mm±0.5mm, Φ256mm±0.5mm
Thickness	130μm±13μm
Front	16busbars,12pads,172fingers,busbar width 0.036mm ±0.02mm
Back	16busbars,12pads,174fingers,busbar width 0.036mm ±0.02mm

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



Front Efficiency						
Eff(%)	Pmpp(W)	Vmpp (V)	Ippp(A)	Voc(v)	Isc(A)	Fill factor(%)
25.4	8.5	0.659	12.901	0.734	14.023	84.38
25.3	8.47	0.657	12.889	0.733	14.022	85.29
25.2	8.43	0.655	12.887	0.732	14.02	84.15
25.1	8.4	0.652	12.885	0.731	14.018	84.05
25	8.37	0.65	12.877	0.731	14.016	83.96
24.9	8.33	0.648	12.855	0.73	14.015	83.85
24.8	8.3	0.646	12.848	0.729	14.012	83.75
24.7	8.27	0.644	12.842	0.728	14.012	83.64
24.6	8.23	0.642	12.82	0.727	14.01	83.49
24.5	8.2	0.64	12.813	0.726	14.008	83.32
24.4	8.17	0.638	12.806	0.723	14	83.12
24.3	8.13	0.635	12.803	0.723	13.99	82.9
24	8.03	0.632	12.706	0.717	13.98	82.78