



Mono Silicon N-type Solar Cell

ET-N-182-16BB-Bifacial Cell

PRODUCT ADVANTAGES

1

The battery has high conversion efficiency, superior interface passivation and carrier transport capacity, and high UOC and FF.

2

The light attenuation is low, and the boron content in phosphorus doped N-type crystalline silicon is extremely low, which weakens the influence of boron and oxygen.

3

The production line of process equipment has high compatibility and can be compatible with the high-temperature paper cup production line of PERC and N-PERT double-sided batteries.

4

The combination of N-type TOPCon batteries with SE, IBC, multiple main grids, and stacked technology significantly improves battery efficiency and module power.

MECHANICAL DATA AND DESIGN				
Dimension	182.2mm*182.2mm±0.5mm			
Thickness	130±13μm	140±14μm	150±15μm	160um±16um
	165±16.5um			
Front (-)	0.036±0.02mm bus bars(silver) black anti-reflecting coating(silicon nitride)			
Back (+)	0.036±0.02mm bus bars(silver) black anti-reflecting coating(silicon nitride)			

ELECTRIC PERFORMANCE PARAMETERS							
效率档位	效率	最大输出 功率	最大输出 电压	最大输出 电流	开路电压	短路电流	填充因子
	Eff	Pmpp	Ump	Imp	Uoc	Isc	FF
	(%)	(W)	(V)	(A)	(V)	(A)	(%)
25.6	25.6	8.569	0.633	13.536	0.732	13.924	84.07
25.5	25.5	8.535	0.632	13.505	0.731	13.915	83.91
25.4	25.4	8.502	0.631	13.473	0.730	13.904	83.76
25.3	25.3	8.468	0.63	13.442	0.729	13.897	83.59
25.2	25.2	8.435	0.629	13.410	0.728	13.884	83.45
25.1	25.1	8.401	0.628	13.378	0.727	13.877	83.27
25.0	25.0	8.368	0.627	13.346	0.726	13.869	83.10
24.9	24.9	8.334	0.626	13.314	0.725	13.857	82.96
24.8	24.8	8.301	0.625	13.281	0.724	13.848	82.79
24.7	24.7	8.267	0.624	13.249	0.723	13.828	82.69
24.6	24.6	8.234	0.623	13.216	0.722	13.795	82.67
24.5	24.5	8.200	0.621	13.205	0.720	13.791	82.59
24.4	24.4	8.167	0.620	13.172	0.718	13.791	82.48

The above technical parameters are subject to technical changes and tests, and EliTe Solar. reserves the right of final interpretation.

