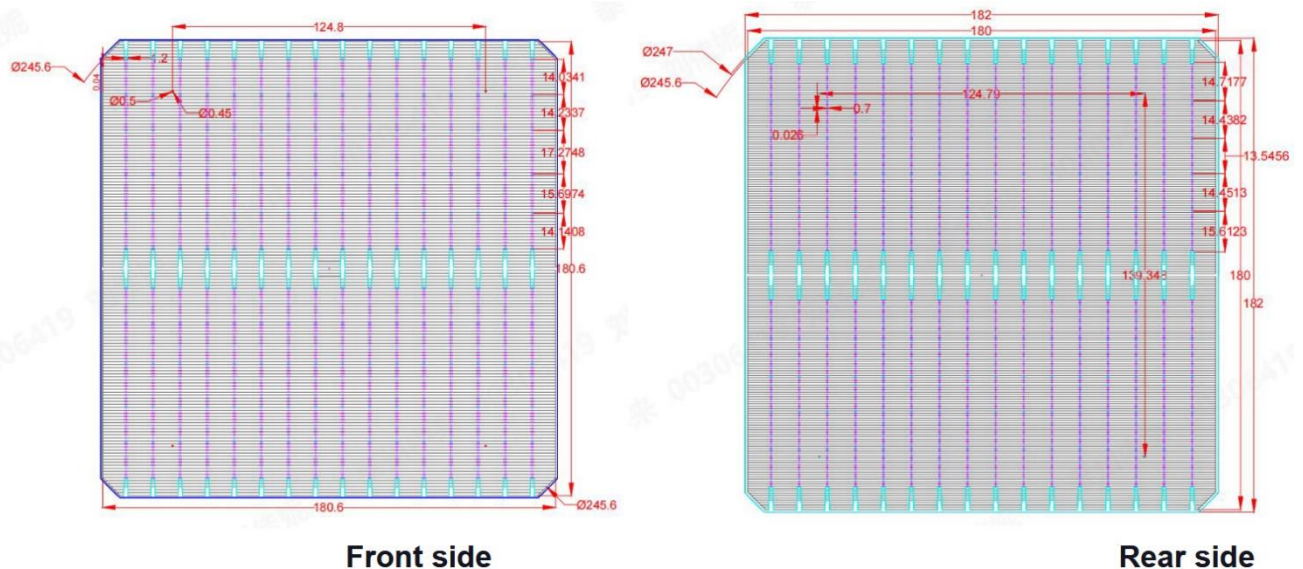


MONOCRISTALLINE M10 TOPCon Bifacial SOLAR CELLS 182mm-16BB - CONFIDENTIAL

Solar cell structure



Product Features

Dimension: 182mmx182mm±0.25mm, Ø247mm±0.25mm;

Cell Thickness: 130µm±20µm

(+) **Front side:** 0.030mm wide bus bars,Silicon nitride anti-reflection coating

(-) **Back side:** 0.030mm wide bus bars,Silicon nitride coating

Product Characteristics

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

Eff (%)	Pmpp(W)	Vmpp(V)	Impp(A)	Uoc(V)	Isc(A)	FF(%)
25.6	8.452	0.6345	13.3201	0.7256	13.8439	84.14
25.5	8.419	0.6335	13.2893	0.7236	13.8195	84.19
25.4	8.386	0.6309	13.2915	0.7221	13.8392	83.91
25.3	8.353	0.6292	13.2756	0.7232	13.8320	83.49
25.2	8.320	0.6274	13.2600	0.7230	13.8362	83.16
25.1	8.287	0.6253	13.2525	0.7163	13.8034	83.81
25.0	8.254	0.6241	13.2249	0.7230	13.7989	82.74
24.9	8.221	0.6231	13.1938	0.7223	13.7730	82.64
24.8	8.188	0.6208	13.1897	0.7194	13.8017	82.46
24.7	8.155	0.622	13.1112	0.7218	13.7610	82.10
24.6	8.122	0.6202	13.0953	0.7236	13.7163	81.83
24.5	8.089	0.6165	13.1202	0.7140	13.7274	82.52

(Under standard test condition): 1000W/ m2, AM 1.5G, 25° C
specification and datum only for reference

Temperature Coefficients

Current Temperature Coefficient	Tk_{Current}: +0.046%/°C
Voltage Temperature Coefficient	Tk_{Voltage}: -0.26 %/°C
Voltage Temperature Coefficient	Tk_{Power}: -0.30%/°C

