

KEY FEATURES

-  **High Photoelectric Conversion Efficiency**
-  **Superior Anti-PID Performance**
-  **Lower LID**
-  **Better Performance in Low Irradiance Environment**



Front



Back

Size : 182.2mm×182.2mm±0.5mm
(φ247mm±0.5mm)

Thickness :130±13μm

The results may vary depending to DS,welding methods and conditions.

Technical Data And Design

Light Intensity

Front (-): 10 busbars, 172 fingers, busbar width 0.05±0.035 mm	Intensity(W/m ²)	Uoc	Isc
Back (+): 10 busbars, 176 fingers, busbar width 0.05±0.035 mm	1000	1.000	1.000
Temperature Coefficients Of Voltage: -0.25% / K	800	0.99	0.8
Temperature Coefficients Of Current: + 0.045% / K	600	0.98	0.6
Temperature Coefficients Of Power: -0.30% / K	400	0.96	0.4
	200	0.93	0.2

Front Electrical Performance Parameters

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

No.	Eff (%)	Pmpp(W)	Umpp(V)	Impp(A)	Uoc(V)	Isc(A)	FF(%)
1	25.4	8.38	0.6280	13.344	0.7285	14.078	81.71
2	25.3	8.35	0.6272	13.312	0.7276	14.066	81.59
3	25.2	8.32	0.6265	13.281	0.7267	14.065	81.40
4	25.1	8.29	0.6256	13.251	0.7257	14.067	81.21
5	25.0	8.25	0.6248	13.204	0.7248	14.051	81.01
6	24.9	8.22	0.6241	13.170	0.7240	14.043	80.85
7	24.8	8.19	0.6234	13.137	0.7232	14.037	80.68
8	24.7	8.15	0.6227	13.089	0.7223	14.010	80.54
9	24.6	8.12	0.6220	13.055	0.7215	13.998	80.40
10	24.5	8.09	0.6213	13.021	0.7207	13.990	80.24
11	24.4	8.06	0.6206	12.987	0.7199	13.974	80.12
12	24.3	8.02	0.6199	12.937	0.7191	13.945	79.98
13	24.2	7.99	0.6194	12.900	0.7185	13.949	79.72
14	24.1	7.96	0.6190	12.860	0.7180	13.945	79.50
15	24.0	7.92	0.6178	12.821	0.7166	13.946	79.25
16	23.9	7.89	0.6171	12.786	0.7158	13.947	79.03
17	23.8	7.86	0.6164	12.747	0.7150	13.919	78.95

Iv Curve

