

Mechanical Characteristics

Model	182 mono-crystalline Bifacial solar cell
Dimension	182.2mm×183.75mm±0.5mm, ϕ256mm±0.5mm
Thickness	130μm ±13 μm
Front	16busbars,12pads,172fingers,busbar width 0.036mm ±0.02mm
Back	16busbars,12pads,174fingers,busbar width 0.036mm ±0.02mm

Electrical Characteristics

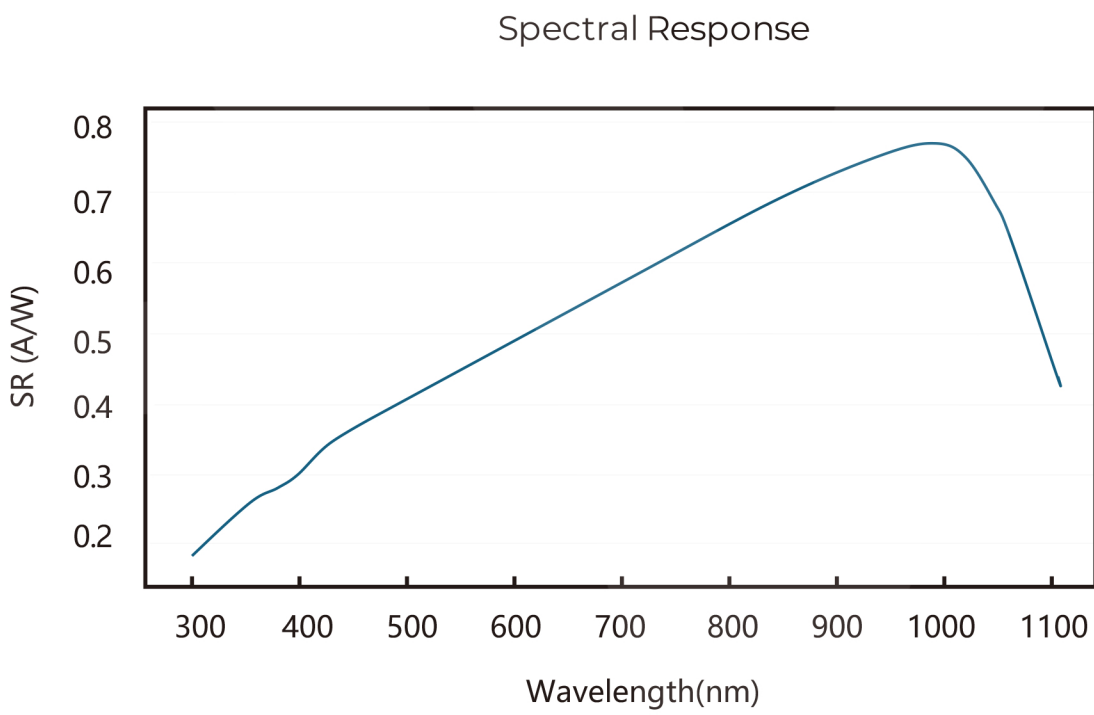
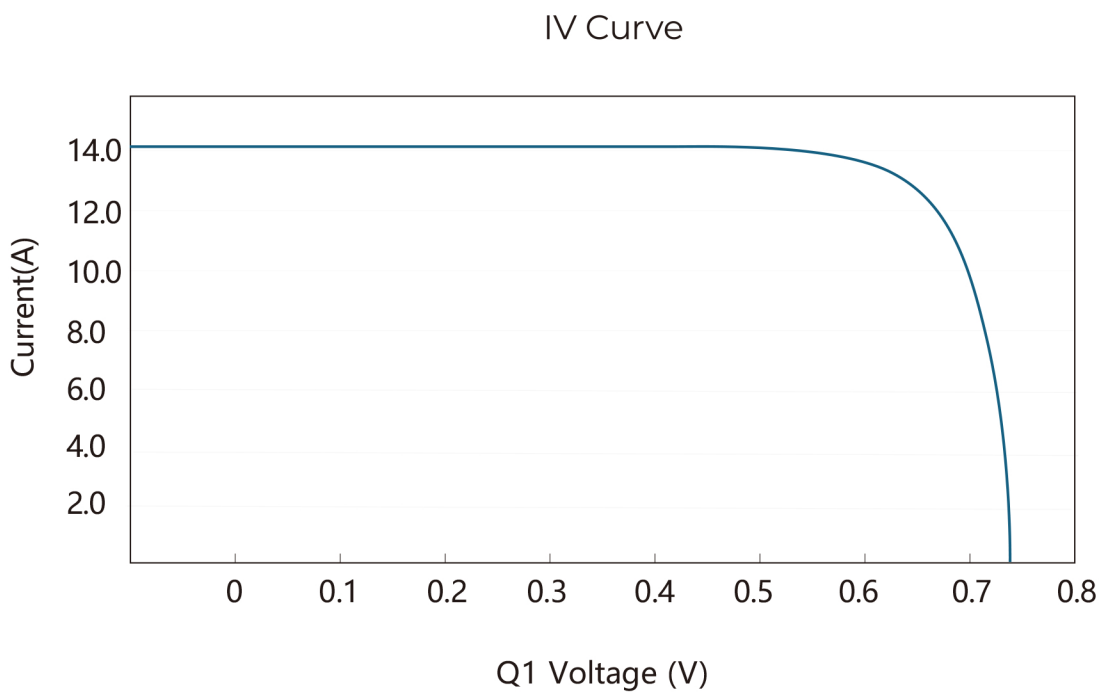
Efficiency (%)	Power Pmpp (W)	Max. Power Voltage Vmpp (V)	Max. Power Current Impp (A)	Open Circuit Voltage Voc (V)	Short Circuit Current Isc (A)	Fill factor (%)
25.40	8.50	0.659	12.901	0.734	14.023	84.38
25.30	8.47	0.657	12.889	0.733	14.022	85.29
25.20	8.43	0.655	12.887	0.732	14.020	84.15
25.10	8.40	0.652	12.885	0.731	14.018	84.05
25.00	8.37	0.650	12.877	0.731	14.016	83.96
24.90	8.33	0.648	12.855	0.730	14.015	83.85
24.80	8.30	0.646	12.848	0.729	14.012	83.75
24.70	8.27	0.644	12.842	0.728	14.012	83.64
24.60	8.23	0.642	12.820	0.727	14.010	83.49
24.50	8.20	0.640	12.813	0.726	14.008	83.32
24.40	8.17	0.638	12.806	0.723	14.000	83.12
24.30	8.13	0.635	12.803	0.723	13.990	82.90
24.00	8.03	0.632	12.706	0.717	13.980	82.78

* Standard Test Condition(STC):1000W/m²,AM 1.5G,25 °C /Solar Cell Efficiency Positive Tolerance /Specifications and data for reference only

Temperature Coefficients

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

Performance curve



Pattern

