

Mechanical Characteristics

Model	182mono-crystalline Bifacial solar cell (CZJT-182M-16D1)
Dimension	182.2mm×182.2±0.5mm, φ247mm±0.5mm
Thickness	130μm ±13 μm
Front	16busbars,12pads,160fingers,busbar width 0.036mm ±0.02mm
Back	16busbars,12pads,200fingers,busbar width 0.036mm ±0.02mm

Electrical Characteristics

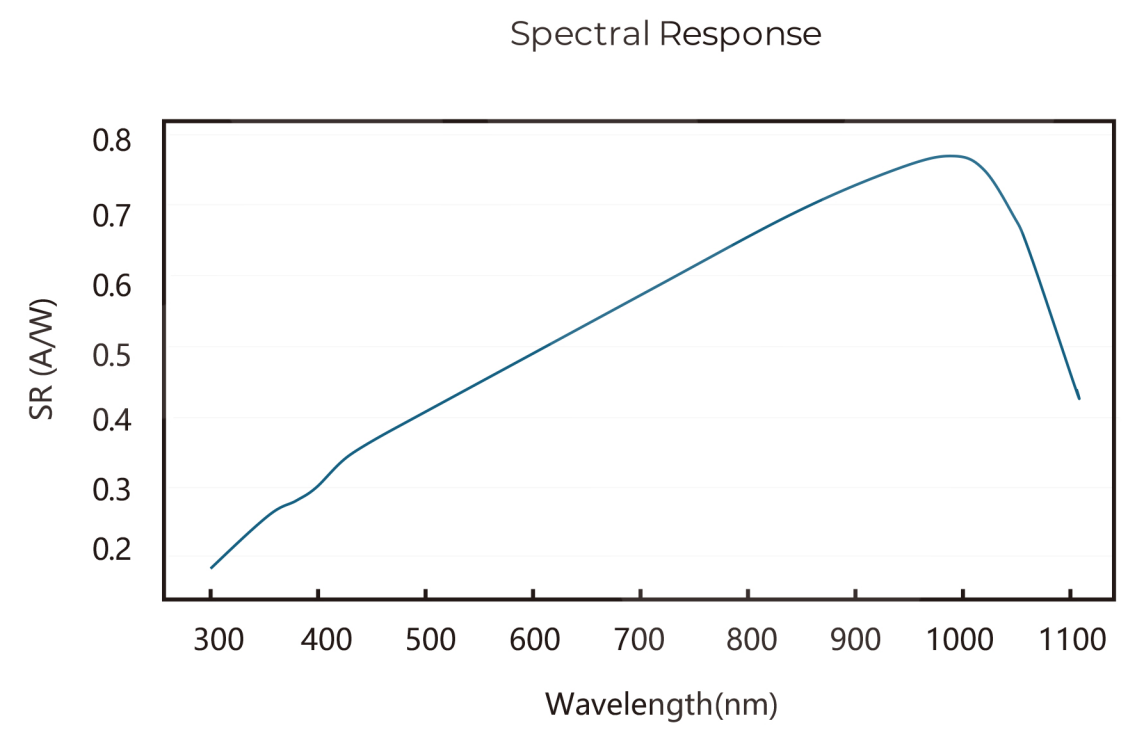
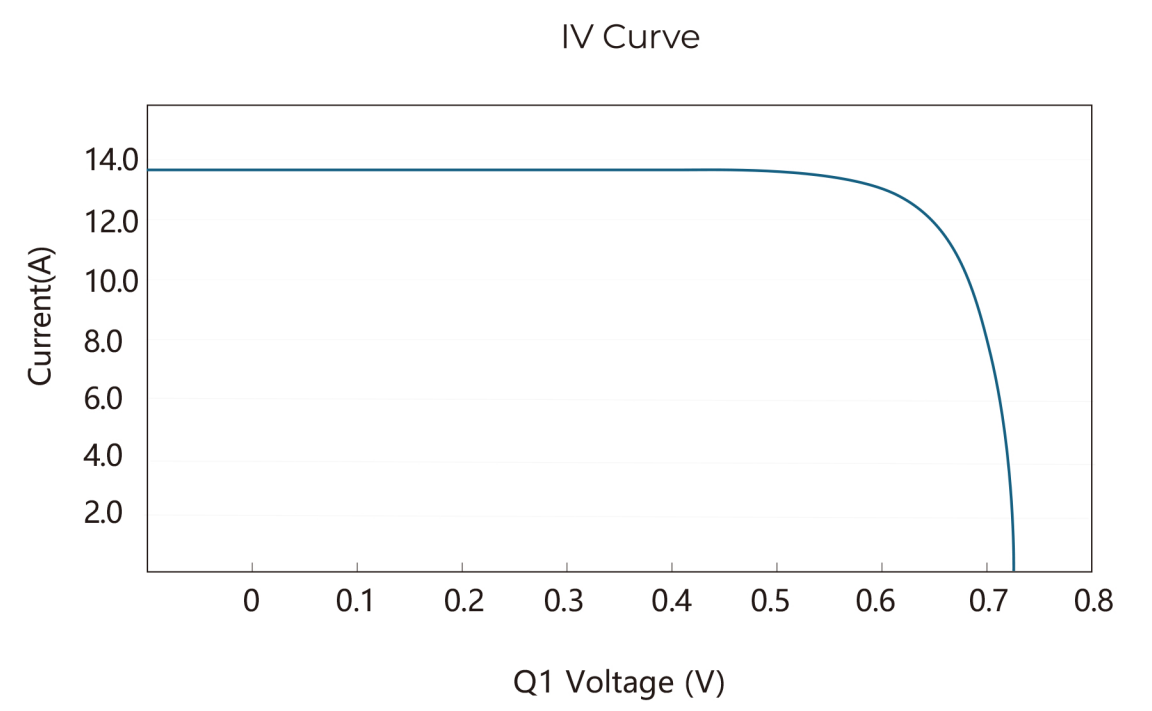
Efficiency (%)	Power P _{mpp} (W)	Max. Power Voltage V _{mpp} (V)	Max. Power Current I _{mpp} (A)	Open Circuit Voltage V _{oc} (V)	Short Circuit Current I _{sc} (A)	Fill factor (%)
25.50%	8.42	0.645	13.06	0.729	13.78	83.83
25.40%	8.39	0.643	13.04	0.728	13.78	83.6
25.30%	8.35	0.641	13.04	0.728	13.76	83.45
25.20%	8.32	0.639	13.02	0.727	13.75	83.21
25.10%	8.29	0.637	13.01	0.726	13.75	82.99
25.00%	8.25	0.635	13	0.725	13.75	82.76
24.90%	8.22	0.633	12.98	0.725	13.75	82.5
24.80%	8.19	0.631	12.97	0.725	13.74	82.22
24.70%	8.15	0.63	12.95	0.724	13.74	81.94
24.60%	8.12	0.628	12.94	0.724	13.74	81.71
24.50%	8.09	0.625	12.93	0.723	13.73	81.56
24.40%	8.06	0.625	12.9	0.722	13.72	81.25
24.30%	8.02	0.622	12.9	0.722	13.72	81.02
24.00%	7.92	0.617	12.85	0.72	13.7	80.29

* 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 TkCurrent	-0.30%/K TkPower	-0.25%/K TkVoltage
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Performance curve



Pattern

