

Front Electrical Characteristic

No.	Eff(%)	Power Pmpp(W)	Max. Power Voltage Vmpp(V)	Max. Power Current Impp(A)	Open Circuit Voltage Voc(V)	Short Circuit Current Isc(A)	FF(%)
1	25.2	8.43	0.625	13.496	0.726	13.845	84.15
2	25.1	8.40	0.624	13.485	0.725	13.837	84.03
3	25.0	8.37	0.623	13.453	0.724	13.819	83.96
4	24.9	8.33	0.622	13.421	0.723	13.785	83.88
5	24.8	8.30	0.621	13.388	0.722	13.750	83.91
6	24.7	8.27	0.620	13.356	0.721	13.715	83.94
7	24.6	8.23	0.619	13.321	0.720	13.680	83.86
8	24.5	8.20	0.618	13.291	0.719	13.645	83.89
9	24.4	8.17	0.617	13.258	0.718	13.610	83.91
10	24.3	8.13	0.616	13.225	0.717	13.575	83.84
11	24.2	8.10	0.615	13.192	0.716	13.540	83.86
12	24.1	8.07	0.614	13.159	0.715	13.504	83.89

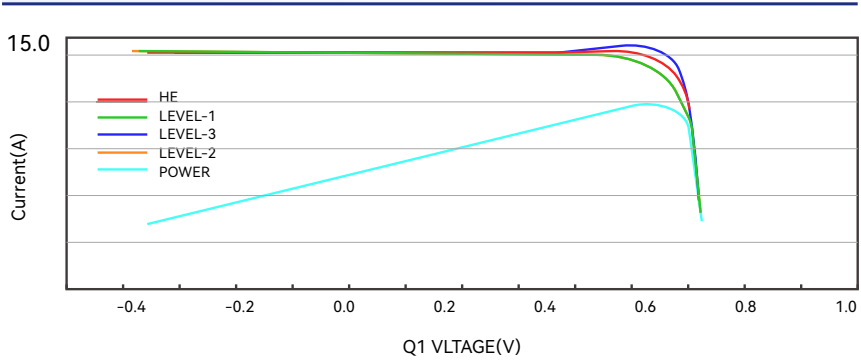
*Standard Test Condition(STC):1000W/m², AM1.5, 25°C,
The above technical parameters are subject to technical changes and tests, SAFETY New energy reserves the right of final interpretation

Light Intensity

Intensity(W/m²)	Voc	Isc
1000	1.000	1.000
900	0.996	0.903
800	0.991	0.803
600	0.988	0.602
400	0.962	0.403

*Voc(Isc) measured at 1000W/m², the extent of Voc(Isc) decreasing with light intensity.

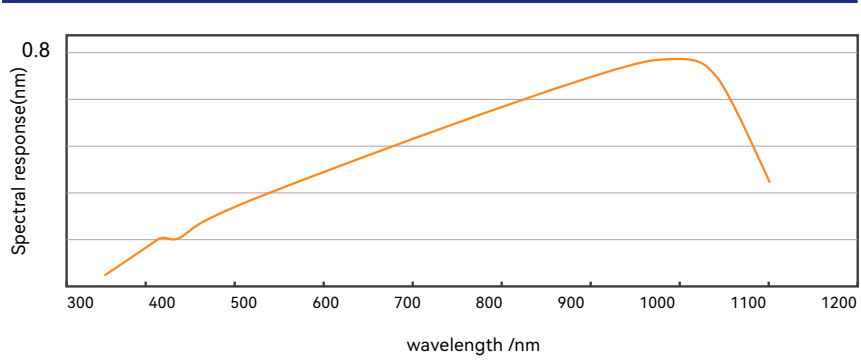
IV Curve



Temperature Coefficients

TkCurrent:	0.045%/K
TkVoltage:	-0.25%/K
TkPower:	-0.32 %/K

Spectral Response



Quality Control

accuracy of efficiency test control in ±0.1%
100% automatic inspection of electrical performance, appearance and EL
Calibration cells are traceable to Fraunhofer ISE