

N210-00HS01

N-Type HJT



Mechanical Characteristics

Product Specification

N-Type HJT 0BB-210(N210-00HS01)
Bifacial Solar Cell

Dimension

210.1mm×105.05mm±0.25mm

Thickness

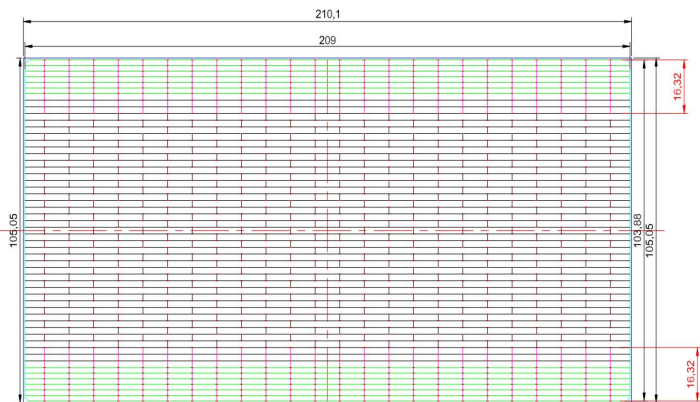
110±20μm

Product Characteristics

- Average efficiency over 25.2%
- Bifaciality rate over 90%
- Power generation gain up to 5%+
- 4-6 step technique, average yield up to 99%

- Temperature coefficient of power as low as -0.26%/K
- Production temperature less than 250°C
- Mass production capability of 100um-thick silicon

Product Appearance



Front



Back

Front Electrical Characteristic

No.	Eff(%)	Pmpp(W)	Uoc(V)	Isc(A)	FF(%)	Umpp(V)	Impp(A)
1	26.5	5.84	0.754	8.843	87.63	0.687	8.51
2	26.4	5.82	0.754	8.839	87.34	0.687	8.47
3	26.3	5.80	0.753	8.835	87.18	0.685	8.47
4	26.2	5.78	0.753	8.824	86.94	0.684	8.45
5	26.1	5.75	0.752	8.817	86.79	0.683	8.43
6	26.0	5.73	0.752	8.81	86.53	0.682	8.41
7	25.9	5.71	0.751	8.796	86.45	0.681	8.39
8	25.8	5.69	0.75	8.78	86.38	0.680	8.37
9	25.7	5.67	0.75	8.769	86.16	0.679	8.35
10	25.6	5.64	0.75	8.759	85.92	0.679	8.31
11	25.5	5.62	0.749	8.745	85.84	0.678	8.29
12	25.4	5.60	0.749	8.734	85.61	0.678	8.26
13	25.3	5.58	0.748	8.725	85.47	0.677	8.24
14	25.2	5.56	0.748	8.715	85.23	0.676	8.22
15	25.1	5.53	0.748	8.709	84.95	0.675	8.20

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

The above technical parameters are subject to technical changes and tests, Nile solar reseves the right of final interpretation

Temperature Coefficients

Parameter	Value
dVoc/dT/Voc (%/K)	-0.27
dIsc/dT/Isc (%/K)	0.055
dPmpp/dT/Pmpp (%/K)	-0.26

IV Curve

