SunSync 和光同程

N Type Mono-crystalline Bifacial TOPCon Solar Cell

HG210NT218A

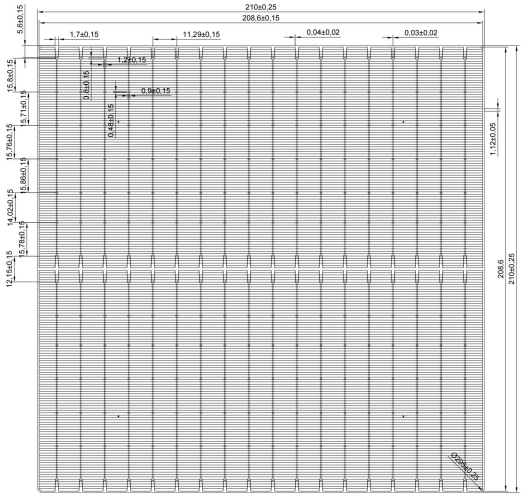
FEATURES

- High efficiency， Excellent reliability
- Better Weak light response
- Low temperature Poly-Si Deposition
- Precise Boron doping
- Extremely low LID
- Lower CTM loss
- Advanced passivation doping technology
- Enhanced contact optimization

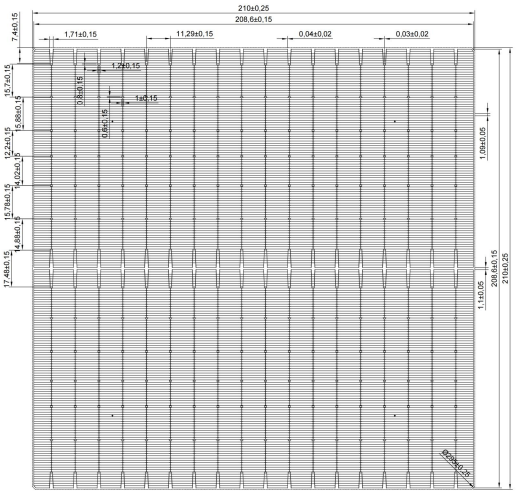
Physical Characteristics

Substrate material	N type, Phosphorus doped,monocrystalline silicon wafer
Thickness	130±10% μm
Dimension	210mm*210mm±0.25mm， Φ295mm±0.25mm
Front Side	18 Bus Bars,188±10%fingers,blue antireflection layer(SiNx)
Rear Side	18 Bus Bars,192±10%fingers,blue antireflection layer(SiNx)

Product Appearance



Front Side



Rear Side

Electrical data

Eff. Grade (%)	Isc(A)	Voc(V)	Impp(A)	Vmpp(V)	Pmpp(W)	FF (%)
25.5	18.024	0.730	17.353	0.648	11.24	85.46
25.4	18.005	0.728	17.338	0.646	11.20	85.45
25.3	17.980	0.727	17.297	0.645	11.16	85.35
25.2	17.952	0.726	17.255	0.644	11.11	85.26
25.1	17.908	0.725	17.213	0.643	11.07	85.25
25.0	17.632	0.734	17.171	0.642	11.02	85.18
24.9	17.586	0.733	17.129	0.641	10.98	85.18
24.8	17.527	0.732	17.087	0.640	10.94	85.24
24.7	17.498	0.731	17.045	0.639	10.89	85.15
24.6	17.431	0.730	17.003	0.638	10.85	85.25
24.5	17.390	0.729	16.960	0.637	10.80	85.22
24.4	17.361	0.728	16.917	0.636	10.76	85.13
24.3	17.334	0.727	16.875	0.635	10.72	85.03
24.2	17.291	0.726	16.832	0.634	10.67	85.01
24.1	17.255	0.725	16.789	0.633	10.63	84.95

All electrical data measured under standard test conditions: 1000W/m2, AM 1.5, 25°C.

SunSync solar reserve the right of final interpretation about the above technology parameter.

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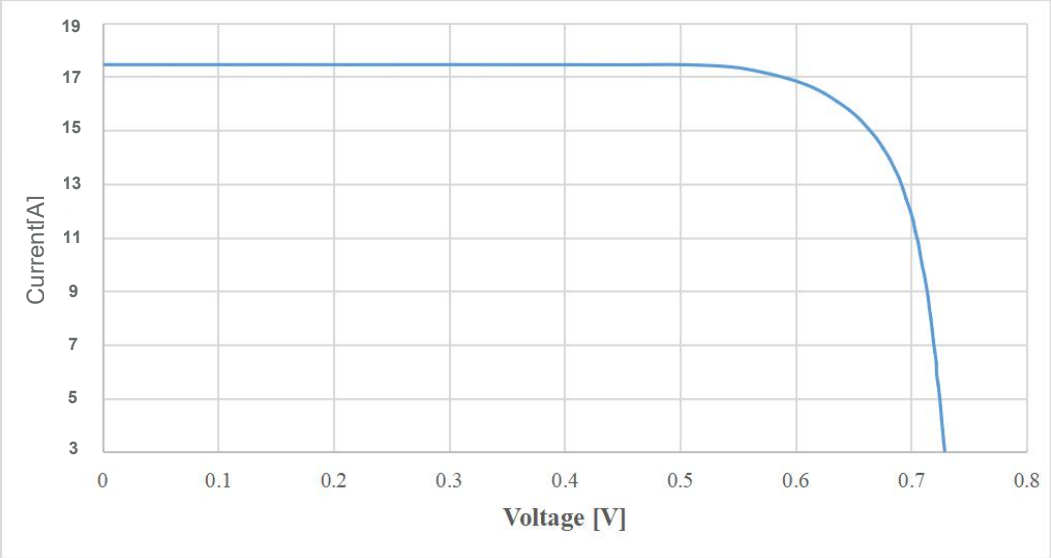
IV Curve



Temperature Coefficients

Power Temperature Coefficient	TkPower: -(0.30±0.02) %/K
Voltage Temperature Coefficient	TkVoltage: -(0.26±0.03) %/K
Current Temperature Coefficientt	TkCurrent: +(0.046±0.015) %/K

Packaging&Storage conditions

The Solar cells are closely packed with soft sponge around and heat shrink is used around the box unit. Outer packing box must have shock buffer, The foam packaging offers optimal protection during transportation.

The Solar cells should be stored indoors in the conditions of good ventilation. The storage temperature should be 25 ± 5℃, and the humidity should be no more than 60%RH . Cells should be sampling inspected again if the storage time over 60 days.

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