

# MoNo 2

N210BM16D1

# F118R114

- Lower LID
- Superior anti-PID performance
- Lower Cell to Module (CTM) Loss Rate, more suitable for high-efficiency module
- Relative conversion efficiency  $\geq 92\%$  under low light ( $200\text{W}/\text{m}^2$ )
- Front efficiency  $\geq 25\%$  , Bifacial rate  $\geq 80\%$



- ADEME:PPE2
- ISO9001:2015
- ISO14001:2015
- ISO45001:2018
- ISO50001:2018
- ISO14044:2006

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## Mechanical Characteristics

Model	210RH mono-crystalline Bifacial solar cell (N210BM16D1)
Dimension	182.3mm×105mm±0.5mm,diagonal (line)207.35mm±0.5mm
Thickness	130μm ±13 μm
Front	16busbars,7pads,118fingers,busbar width 0.06mm ±0.03mm
Back	16busbars,7pads,114fingers,busbar width 0.06mm ±0.03mm

## Electrical Characteristics

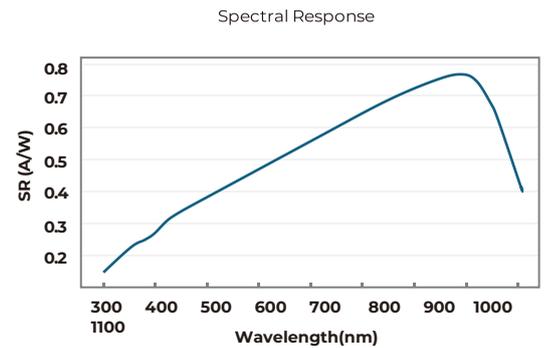
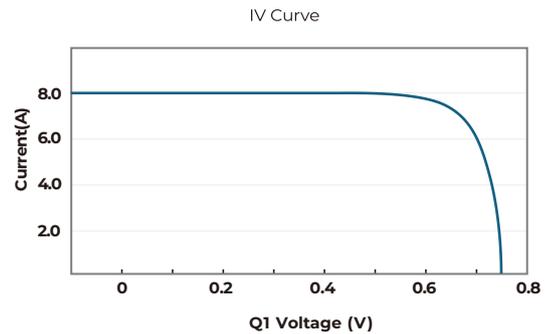
Efficiency (%)	Power Pmpp (W)	Max. Power Voltage Vmpp (V)	Max. Power Current Impp (A)	Open Circuit Voltage Voc (V)	Short Circuit Current Isc (A)	Fill factor %
26.3	5.02	0.646	7.774	0.742	7.868	85.95
26.2	5.00	0.645	7.751	0.741	7.867	85.84
26.1	4.98	0.645	7.731	0.739	7.865	85.74
26.0	4.96	0.643	7.716	0.738	7.863	85.55
25.9	4.94	0.642	7.701	0.737	7.861	85.37
25.8	4.93	0.641	7.688	0.736	7.859	85.19
25.7	4.91	0.639	7.678	0.735	7.858	84.99
25.6	4.89	0.638	7.659	0.734	7.856	84.81
25.5	4.87	0.636	7.652	0.732	7.855	84.61
25.4	4.85	0.635	7.636	0.731	7.854	84.41
25.3	4.83	0.634	7.616	0.730	7.852	84.24
25.2	4.81	0.633	7.599	0.730	7.848	84.01
25.1	4.79	0.633	7.575	0.729	7.846	83.82
25.0	4.77	0.631	7.563	0.727	7.845	83.68
24.9	4.75	0.629	7.552	0.726	7.837	83.56
24.8	4.73	0.628	7.535	0.725	7.836	83.36
24.7	4.72	0.627	7.519	0.724	7.836	83.15
24.6	4.70	0.626	7.506	0.723	7.834	82.97
24.5	4.68	0.624	7.495	0.722	7.833	82.76
24.4	4.66	0.623	7.477	0.720	7.828	82.60
24.3	4.64	0.621	7.470	0.719	7.826	82.41
24.2	4.62	0.619	7.465	0.719	7.824	82.19
24.1	4.60	0.617	7.459	0.717	7.821	82.01

\* Standard Test Condition(STC):1000W/m<sup>2</sup>,AM 1.5G,25 °C /Solar Cell Efficiency Positive Tolerance /Specifications and data for reference only

## Temperature Coefficients

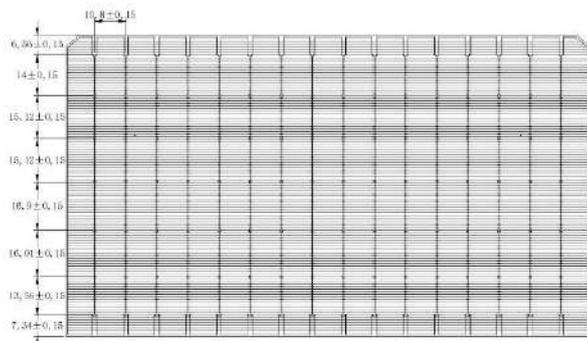
<b>0.045%/K</b> TkCurrent	<b>-0.30%/K</b> TkPower	<b>-0.25%/K</b> TkVoltage
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## Performance curve

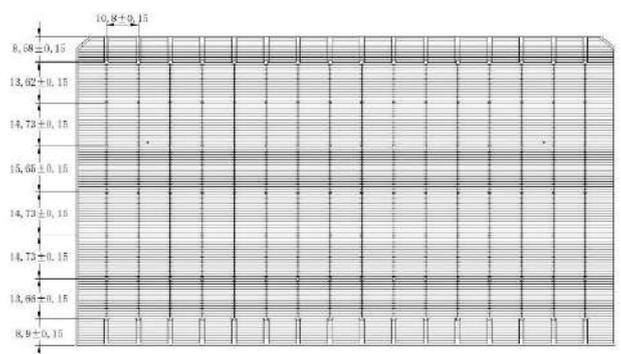


## Pattern

\*Front



\*Rear



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