

MoNo 1

N210AG18D1

F210R228

- 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	210mono-crystalline Bifacial solar cell N210AG18D1
Dimension	210mm×210±0.5mm, Φ295mm±0.5mm
Thickness	130μm ±13 μm
Front	18busbars,14pads,210fingers,busbar width 0.06mm ±0.03mm
Back	18busbars,14pads,228fingers,busbar width 0.06mm ±0.03mm

Temperature Coefficients

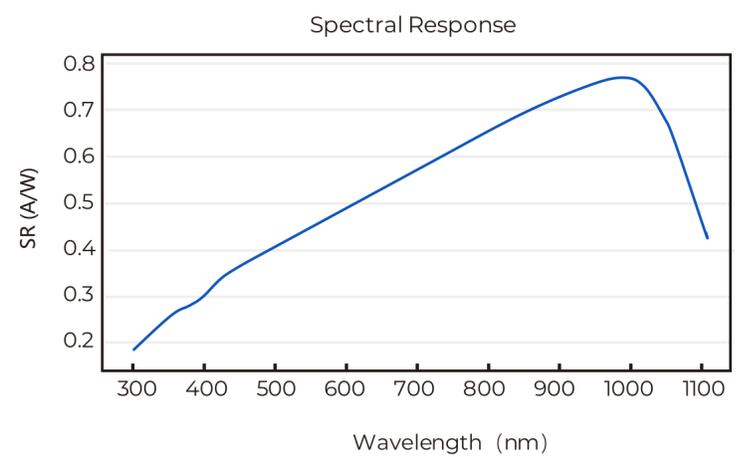
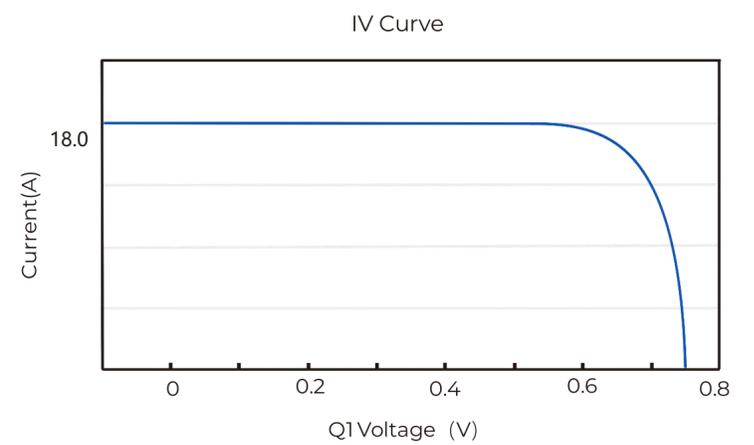
0.045%/K TkCurrent	-0.30%/K TkPower	-0.25%/K TkVoltage
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Electrical Characteristics

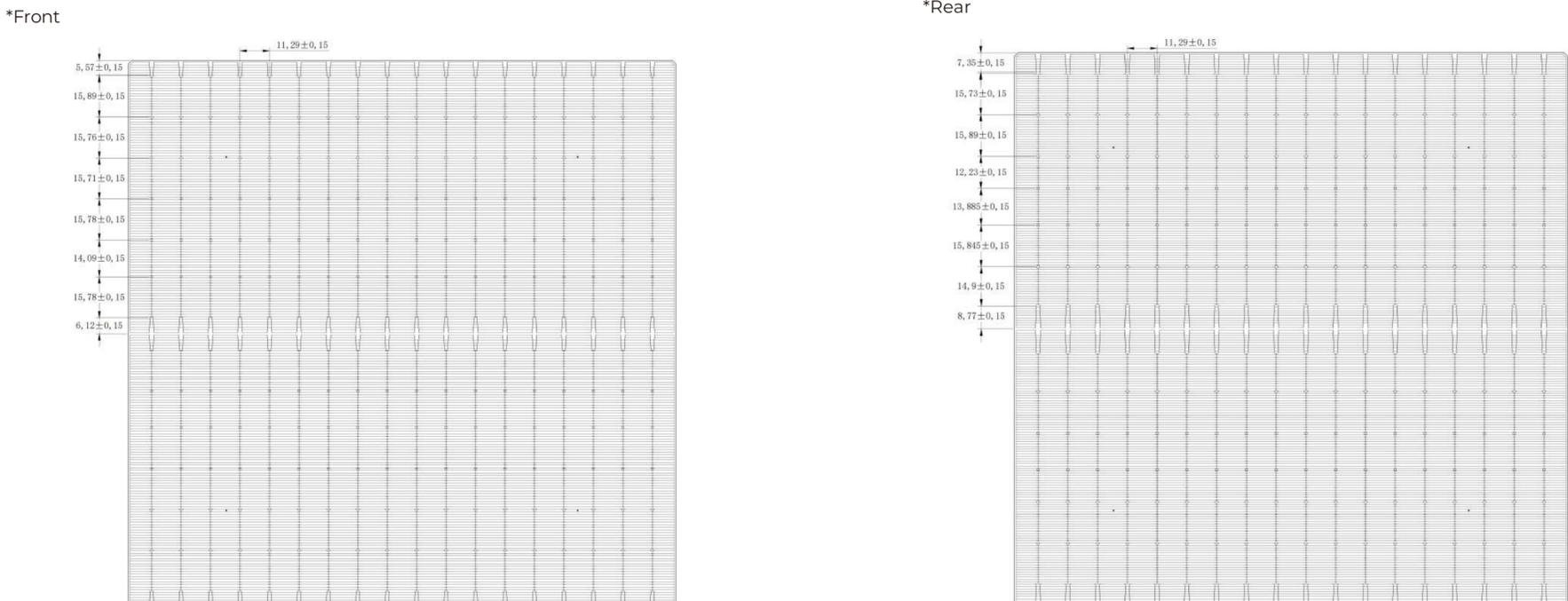
Efficiency (%)	Power Pmpp (W)	Max. Power Voltage Vmpp (V)	Max. Power Current Imp (A)	Open Circuit Voltage Voc (V)	Short Circuit Current Isc (A)	Fill factor %
26.0	11.46	0.652	17.573	0.732	18.523	84.59
25.9	11.42	0.650	17.562	0.731	18.521	84.37
25.8	11.38	0.648	17.559	0.730	18.520	84.18
25.7	11.33	0.646	17.549	0.728	18.518	84.03
25.6	11.29	0.643	17.548	0.727	18.518	83.88
25.5	11.24	0.641	17.547	0.725	18.515	83.74
25.4	11.20	0.638	17.542	0.725	18.514	83.45
25.3	11.16	0.636	17.541	0.725	18.512	83.15
25.2	11.11	0.634	17.532	0.724	18.510	82.96
25.1	11.07	0.631	17.529	0.722	18.510	82.78
25.0	11.02	0.629	17.521	0.722	18.509	82.54
24.9	10.98	0.628	17.478	0.721	18.508	82.28
24.8	10.94	0.626	17.467	0.721	18.506	81.97
24.7	10.89	0.624	17.463	0.721	18.505	81.66
24.6	10.85	0.622	17.447	0.720	18.502	81.43
24.5	10.80	0.619	17.446	0.720	18.501	81.11
24.4	10.76	0.618	17.407	0.718	18.500	81.05
24.3	10.72	0.616	17.389	0.717	18.499	80.75
24.2	10.67	0.614	17.366	0.715	18.497	80.66
24.1	10.63	0.614	17.298	0.713	18.493	80.63
24.0	10.58	0.613	17.270	0.710	18.489	80.62

* Standard Test Condition(STC):1000W/m²,AM 1.5G,25 °C /Solar Cell Efficiency Positive Tolerance /Specifications and data for reference only

Performance curve



Pattern



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