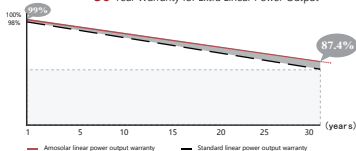


410~430W

AS410-430M10-108BM

15-Year Warranty for Materials and Processing

30-Year Warranty for Extra Linear Power Output



N-TYPE TOPCON module could increase power generation by 3%+ per watt compared with PERC



HIGHER power output
Bifacial module back-side power increase 5-25%



COMPATIBLE with mainstream trackers
effective product for utility power plant



Lower degradation rate, **BETTER** shading tolerance
First-year $\leq 1\%$, 2-30 year $\leq 0.4\%$



LOWER Temp. **COEFFICIENT**
More power generation under high-temperature

410-430W

Half-Cell High Efficiency PV Module

Weight

23.5kgs±3%

Cells Type

Mono 182x91mm

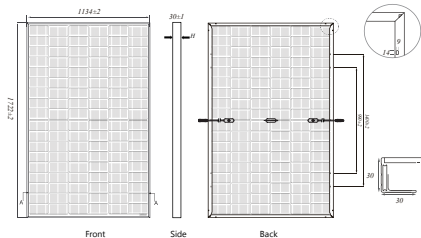
Dimension(LxWxT)

1722±2mmx1134±2mmx30±1mm

Packaging

36pcs/pallet, 216pcs/20GP container;

36pcs/pallet, 936pcs/40HQ container



Remark: customized frame color and cable length available upon request

MECHANICAL SPECIFICATION

Cell	N-type TOPCon Mono
No. of cells	108(6x18)
Cable Length	300mm(+/-)300mm(-)
Cable Cross Section Size	4mm ² (IEC)
Junction Box	IP68
Connector	MC4 Compatible

OPERATING PARAMETERS

Maximum System Voltage	1500VDC
Operating Temperature	-40°C~ +85°C
Maximum Series Fuse	30A
Maximum StaticLoad,Front	5400Pa(112lb/ft ²)
Maximum StaticLoad,Back	2400Pa(50lb/ft ²)
Safety Class	ClassII

ELECTRICAL CHARACTERISTICS STC:AM1.5 1000W/m² 25°C NOCT:AM1.5 800W/m² 20°C 1m/s Test uncertainty for Pmax ±3%

Module Type	AS410M10-108BM		AS415M10-108BM		AS420M10-108BM		AS425M10-108BM		AS430M10-108BM	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power(Pmax/W)	410	313.5	415	317.3	420	321.1	425	325.0	430	328.7
Open Circuit Voltage(Voc/V)	38.01	36.30	38.25	36.40	38.49	36.50	38.73	36.60	38.96	36.80
Short Circuit Current(Isc/A)	13.85	11.23	13.92	11.30	13.99	11.36	14.06	11.42	14.13	11.49
Voltage at Maximum Power(Vmp/V)	31.20	29.60	31.42	29.70	31.63	29.90	31.84	30.00	32.04	30.20
Current at Maximum Power(Imp/A)	13.14	10.60	13.21	10.68	13.28	10.75	13.35	10.82	13.42	10.89
Module Efficiency(%)	21.00		21.25		21.51		21.76		22.02	

ELECTRICAL CHARACTERISTICS SIDE POWER GAIN

5%	15%	25%	35%	45%	
Maximum power (W)	413	436	441	446	452
Module efficiency STC (%)	22.05%	22.31%	22.58%	22.85%	23.12%
Maximum power (Total)	472	477	483	489	495
Module efficiency STC (%)	24.15%	24.44%	24.73%	25.03%	25.32%
Maximum power (Total)	513	519	525	531	538
Module efficiency STC (%)	26.25%	26.57%	26.89%	27.21%	27.53%

TEMPERATURE RATINGS

Normal Operating Cell Temperature(NOCT)	45±2°C
Temperature Coefficient of Isc	+0.045%/°C
Temperature Coefficient of Voc	-0.25%/°C
Temperature Coefficient of Pmax	-0.29%/°C

I-V CURVE(AS410-430M10-108BM)

*Specs are subject to change without further notification

