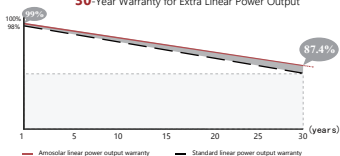


# 410~430W

AS410-430M10-108 Full Black

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



**LOWER DEGRADATION RATE**

First-year  $\leq 1\%$ , 2-30 year  $\leq 0.4\%$



**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

Full Black High Efficiency PV Module

### Weight

20.5kgs±3%

### Cells Type

Mono 182x91mm

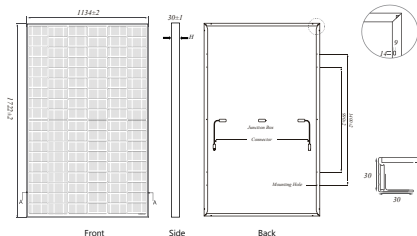
### Dimension(LxWxT)

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 <sup>2</sup> (IEC)
Junction Box	IP68
Connector	MC4 Compatible

## OPERATING PARAMETERS

Maximum System Voltage	1500VDC
Operating Temperature	-40°C ~ +85°C
Maximum Series Fuse	25A
Maximum Static Load, Front	5400Pa(112lb/ft <sup>2</sup> )
Maximum Static Load, Back	2400Pa(50lb/ft <sup>2</sup> )
Safety Class	Class II

## ELECTRICAL CHARACTERISTICS

STC: AM1.5 1000W/m<sup>2</sup> 25°C NOCT: AM1.5 800W/m<sup>2</sup> 20°C 1m/s Test uncertainty for Pmax ±3%

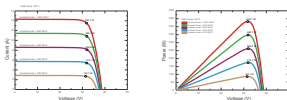
Module Type	AS410M10-108		AS415M10-108		AS420M10-108		AS425M10-108		AS430M10-108	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power(Pmax/W)	410	313.5	415	317.3	420	321.1	425	325.0	430	328.7
Open Circuit Voltage(Voc/V)	38.01	36.30	38.25	36.40	38.49	36.50	38.73	36.60	38.96	36.80
Short Circuit 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	

## 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

\*Specs are subject to change without further notification

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



**Amosolar Co.,Ltd**

Add: Flat/RM 803 Chevalier House 45-S1 Chatham Road South Tsim Sha Tsui, KL, HK  
 Sales Center: No.210, Qianshan Road, Shushan District, Hefei, Anhui, China  
 Web: [www.amo-solar.com](http://www.amo-solar.com) / [amosolar.en.alibaba.com](http://amosolar.en.alibaba.com) Email: [info@amo-solar.com](mailto:info@amo-solar.com)

SCAN CODE TO  
Learn more solar solution

