

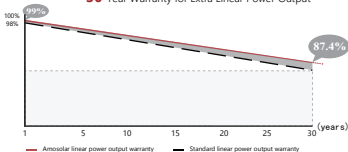


# 515~535W

AS515-535M10-132

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

# 515-535W

Half-Cell High Efficiency PV Module

## Weight

27kgs±3%

## Cells Type

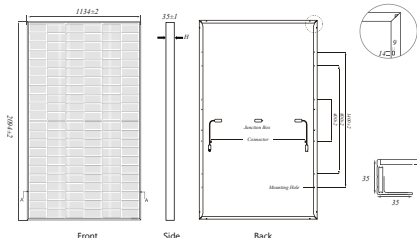
Mono 182x91mm

## Dimension(LxWxT)

2094±2mmx1134±2mmx35±1mm

## Packaging

31pcs/pallet, 682pcs/40HQ container



Remark: customized frame color and cable length available upon request

## MECHANICAL SPECIFICATION

Cell	N-type TOPCon Mono
No.of cells	132(6x22)
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 StaticLoad,Front	5400Pa(112lb/ft <sup>2</sup> )
Maximum StaticLoad,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%

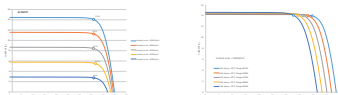
Module Type	AS515M10-132		AS520M10-132		AS525M10-132		AS530M10-132		AS535M10-132	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power(Pmax/W)	515	387	520	391	525	395	530	399	535	403
Open Circuit Voltage(Voc/V)	46.41	44.21	46.59	44.38	46.77	44.55	46.95	44.72	47.13	44.89
Short Circuit Current(Isc/A)	14.05	11.48	14.11	11.54	14.17	11.60	14.23	11.66	14.29	11.72
Voltage at Maximum Power(Vmp/V)	38.68	36.13	38.86	36.30	39.04	36.47	39.22	36.64	39.40	36.81
Current at Maximum Power(Imp/A)	13.32	10.71	13.38	10.77	13.45	10.83	13.52	10.89	13.58	10.95
Module Efficiency(%)	21.69		21.90		22.11		22.32		22.53	

## TEMPERATURE RATINGS

Nominal 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(AS515-535M10-132)



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