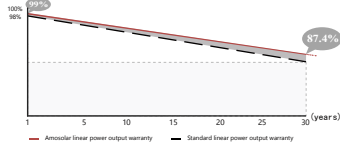


515~540W

AS515-540M10-132

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

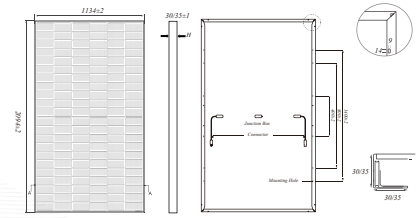
Lower degradation rate, **BETTER** shading tolerance
First-year $\leq 1\%$, 2-30 year $\leq 0.4\%$

LOWER Temp. COEFFICIENT
More power generation under high-temperature

515-540W

Monofacial Half-Cell PV Module

Weight
24.5kgs $\pm 3\%$
Cells Type
Mono 182x91mm
Dimension(LxWxT)
2094 ± 2 mmx1134 ± 2 mmx30/35 ± 1 mm
Packaging
36pcs/pallet, 792pcs/40HQ container(30mm)
31pcs/pallet, 682pcs/40HQ container(35mm)



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 ² (IEC)
Junction Box	IP68
Connector	MCA 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	Class II

ELECTRICAL CHARACTERISTICS

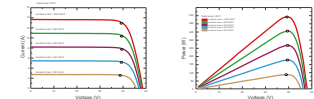
Module Type	STC AM1.5 1000W/m ² 25°C		NOCT-AM1.5 800W/m ² 20°C		1m/s		Test uncertainty for Pmax $\pm 3\%$	
	ASS15M10-132	ASS20M10-132	ASS25M10-132	ASS30M10-132	ASS35M10-132	ASS40M10-132	STC	NOCT
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power(Pmax/W)	515	387	520	391	525	395	530	399
Open Circuit Voltage(Voc/V)	48.22	44.21	48.34	44.38	48.46	44.55	48.58	44.72
Short Circuit Current(Isc/A)	13.57	11.48	13.63	11.54	13.69	11.60	13.75	11.66
Voltage at Maximum Power(Vmp/V)	39.30	36.13	39.50	36.30	39.70	36.47	39.90	36.64
Current at Maximum Power(Imp/A)	13.11	10.71	13.17	10.77	13.23	10.83	13.29	10.89
Module Efficiency(%)	21.69	21.90	22.11	22.32	22.53	22.74		

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(AS515-540M10-132)



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