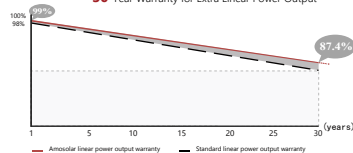


670~695W

AS670-695G12-132

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 ≤1%, 2-30 year ≤0.4%

COMPATIBLE with mainstream trackers effective product for utility power plant

BETTER shading tolerance
Excellent performance under dim light

LOWER Temp. COEFFICIENT
More power generation under high-temperature

670-695W

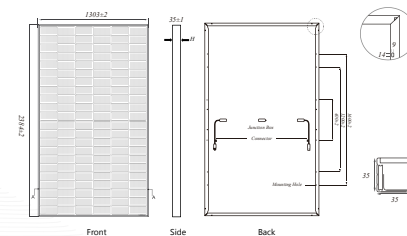
Monofacial Half-Cell PV Module

Weight
33kgs±3%

Cells Type
Mono 210x105mm

Dimension(LxWxT)
2384±2mmx1303±2mmx35±1mm

Packaging
31pcs/pallet, 558pcs/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 ² (IEC)
Junction Box	IP68,3 diodes
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	Class II

ELECTRICAL CHARACTERISTICS

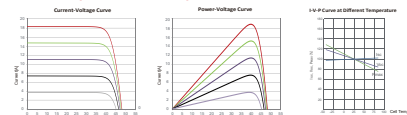
STC:AM1.5 1000W/m² 25°C NOCT:AM1.5 800W/m² 20°C 1m/s Test uncertainty for Pmax ±3%

Module Type	AS670G12-132		AS675G12-132		AS680G12-132		AS685G12-132		AS690G12-132		AS695G12-132	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power(Pmax/W)	670	502.7	675	506.5	680	510.3	685	514.1	690	517.9	695	521.7
Open Circuit Voltage(Voc/V)	46.32	43.20	46.44	43.40	46.56	43.60	46.68	43.80	46.80	44.00	46.92	44.20
Short Circuit Current(Isc/A)	18.34	14.96	18.38	14.99	18.42	15.03	18.46	15.06	18.50	15.09	18.54	15.12
Voltage at Maximum Power(Vmp/V)	38.80	36.30	39.00	36.50	39.20	36.70	39.40	36.90	39.60	37.10	39.80	37.30
Current at Maximum Power(Imp/A)	17.27	13.85	17.31	13.88	17.35	13.91	17.39	13.94	17.43	13.97	17.47	14.00
Module Efficiency(%)	21.57		21.73		21.89		22.05		22.21		22.37	

TEMPERATURE RATINGS

Normal Operating Cell Temperature(NOCT)	45±2°C
Temperature Coefficient of Isc	+0.046%/°C
Temperature Coefficient of Voc	-0.25%/°C
Temperature Coefficient of Pmax	-0.30%/°C

I-V CURVE(AS670-695G12-132)



*Specs are subject to change without further notification

Amosolar Co.,Ltd

Add: Flat#RM 803 Chevalier House 45-51 Chatham Road South Tsim Sha Tsui, KL, HK
Sales Center: No.210, Qianshan Road, Shushan District, Hefei, Anhui, China
Web: www.amosolarpv.com / amosolar.en.alibaba.com Email: info@amo-solar.com

SCAN CODE TO
Learn more solar solution

