



Tier1

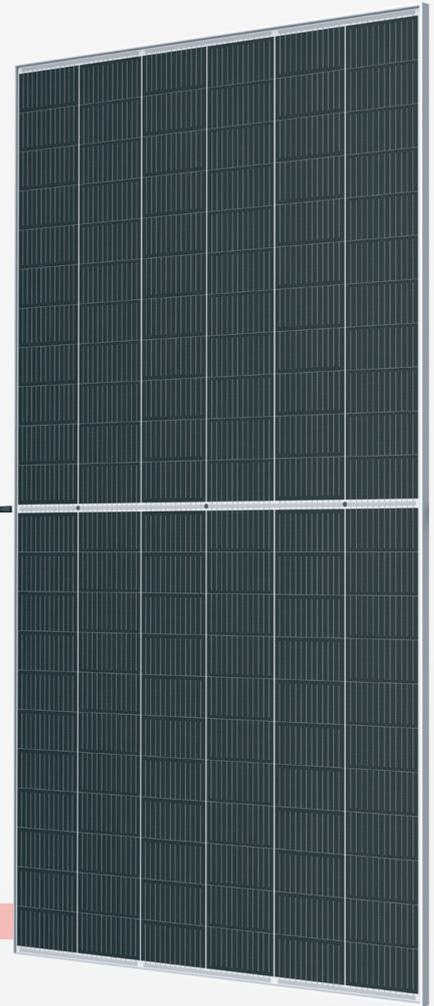
BloombergNEF

Power the future

PERC

655-680W

· Silver frame



 UTILITY

 C&I

Module efficiency

21.89%



Better leveled cost of energy



Better high temperature stability



Improved low-light performance



Excellent bifacial performance

Linear performance guarantee for 30 years



WARRANTY

Quality Guarantee **12 years**

Power Warranty **25 years**

CERTIFICATE



Model of modules	SP655-132M12	SP660-132M12	SP665-132M12	SP670-132M12	SP675-132M12	SP680-132M12
	STC	STC	STC	STC	STC	STC
Power (Pmax/W)	655	660	665	670	675	680
Maximum power voltage (Vmp)	37.58	37.79	38.01	38.22	38.44	38.66
Maximum power current (Imp)	17.43	17.47	17.50	17.53	17.56	17.59
Open circuit voltage (Voc)	45.48	45.69	45.91	46.13	46.34	46.56
Short circuit current (Isc)	18.48	18.52	18.56	18.60	18.64	18.68
Module efficiency	21.09%	21.25%	21.41%	21.57%	21.73%	21.89%

STC (Electrical parameters at standard test conditions. STC:AM=1.5, 1000W/m², Cells Temperature25°C)

ELECTRICAL PARAMETERS AT NMOT TEST CONDITIONS

Front power Pmax/W	490	494	499	502	506	510
Maximum power voltage (Vmp)	35.10	35.60	35.50	35.70	35.90	36.10
Maximum power current (Imp)	13.96	14.00	14.03	14.06	14.10	14.13
Open circuit voltage (Voc)	45.70	42.90	43.20	43.40	43.60	43.80
Short circuit current (Isc)	14.87	14.90	14.93	14.96	15	15.03

NMOT (Irradiance 800W/m², Ambient Temperature 20°C,AM1.5,Wind Speed 1m/s)

STRUCTURAL CHARACTERISTICS

Module size (L*W*H)	2384x1303x35mm
Weight	32 kg
Cell	132 cells,Mono-Crystalline PERC,210mm x 105mm
Front glass	3.2mm ultra clear embossed semi-tempered coated glass
Frame	Anodized aluminum alloy
Junction box	IP68
Output wire	4mm ²
Wire length	Line length 1300mm
Connector	MC4 Compatible IP68
Packing Specification	31 pcs/Pallet ; 558 pcs/40' HQ

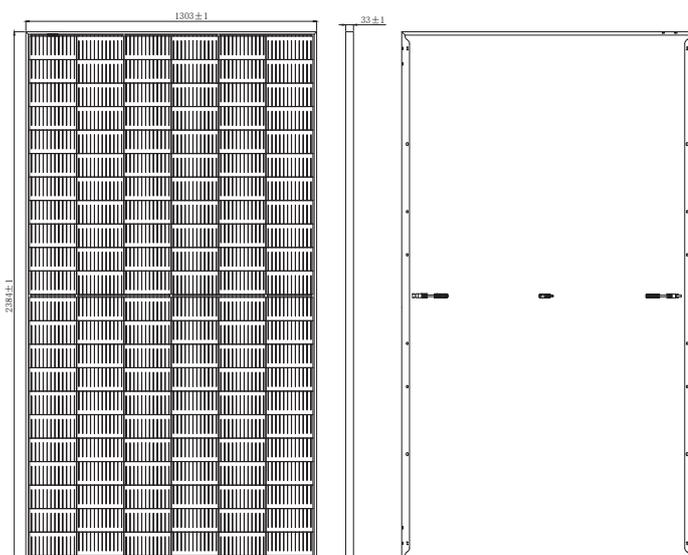
OPERATING PARAMETERS

Power tolerance (W)	(0~+5W)
Maximum system voltage (V)	DC1500(TÜV,UL) / 1000V(CUL)
Maximum rated fuse current (A)	30A
Current operating temperature (C)	-40~+85°C
Mechanical load	+5400Pa/-2400Pa

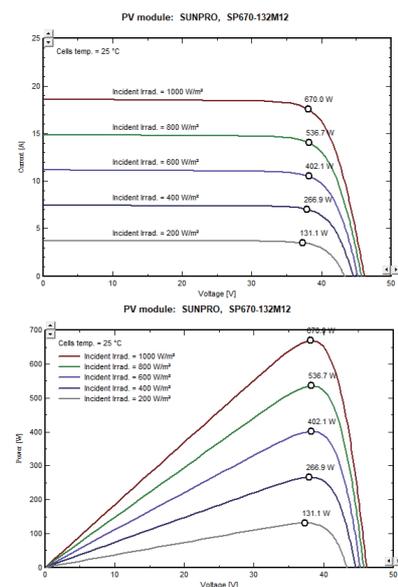
TEMPERATURE CHARACTERISTICS

Temp. Coeff. of Isc (TK Isc)	0.05% / °C
Temp. Coeff. of Voc (TK Voc)	-0.27% / °C
Temp. Coeff. of Pmax (TK Pmax)	-0.34% / °C
Normal Operating Cell Temperature	44±2°C

MODULE DIMENSIONS(MM)



I-V CHARACTERISTICS AT DIFFERENT IRRADIATION



Zhejiang Sunpro Power Technology Co., Ltd

Add: Qinggang Industrial Zone, Yuhuan City, Zhejiang Province

Tel: +86 0576-80730906 E-mail: info@sunpropower.com Website: www.sunpropower.com

*The above parameters are for reference only, and the actual parameters of the factory shall prevail