

Tier1

BloombergNEF

Power the future

TOPCon 210 MONO-FACIAL 695-710W

High efficiency bifacial modules

· Silver frame, Transparent backboard



UTILITY



C&I

Module efficiency

22.86%



Better leveled
cost of energy



Better high
temperature stability

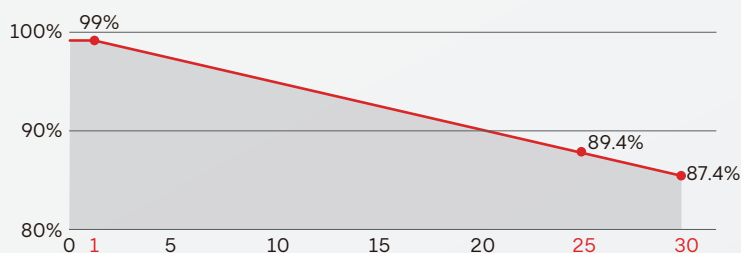


Improved low-light
performance



Excellent
bifacial performance

Linear performance guarantee for 30 years



WARRANTY

Quality
Guarantee **15**
years

Power
Warranty **30**
years

CERTIFICATE



Ariel Green



ELECTRIC CHARACTERISTICS

SP (695/710W)-N132M12

Model of modules	SP695-N132M12	SP700-N132M12	SP705-N132M12	SP710-N132M12
	STC	STC	STC	STC
Power (Pmax/W)	695	700	705	710
Maximum power current (Vmp)	40.32	40.51	40.69	40.88
Maximum power current (Imp)	17.24	17.28	17.33	17.37
Open circuit voltage (Voc)	48.08	48.27	48.46	48.65
Short circuitcurrent (Isc)	18.28	18.32	18.36	18.4
Module efficiency	22.37%	22.53%	22.70%	22.86%

STC (Electrical parameters at standard test conditions (STC:AM=1.5, 1000W/m², Cells Temperature 25°C)

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

IRRADIANCE 800W/M², AMBIENT TEMPERATURE 20°C, AM1.5, WIND SPEED 1M/S

Front power Pmax/W	525.60	529.50	533.80	537.90
Maximum power voltage (Vmp)	37.80	38.00	38.20	38.40
Maximum power current (Imp)	13.91	13.94	13.98	14.01
Open circuit voltage (Voc)	45.60	45.80	46.00	46.20
Short circuitcurrent (Isc)	14.70	14.74	14.77	14.80

STRUCTURAL CHARACTERISTICS

Module size (L*W*H)	2384 × 1303x33mm
Weight	32kg
Cell	132 cells, N-Type Crystalline Silicon 210x105mm
Glass	3.2mm ultra clear embossed tempered coated glass
Frame	Anodized aluminum alloy
Junction box	IP68, 3 bypass diodes
Output wire	4mm ²
Wire length	Line length 1300mm/customized
Connector	MC4 Compatible
Packing Specification	33 pcs/Pallet ; 594 pcs/40' HQ

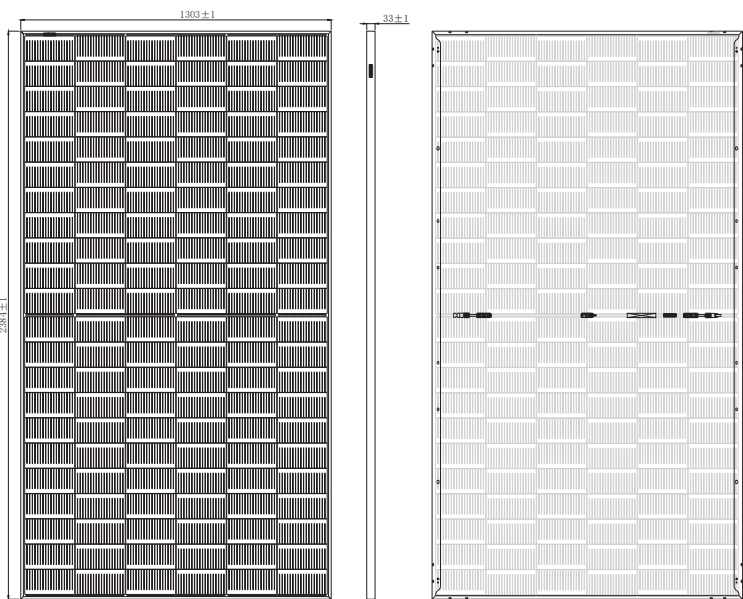
OPERATING PARAMETERS

Power tolerance (W)	(0~+5W)
Maximum system voltage (V)	1500V
Maximum rated fuse current (A)	30A
Current operating temperature (C)	-40~+85°C
Mechanical load	+5400Pa/-2400Pa

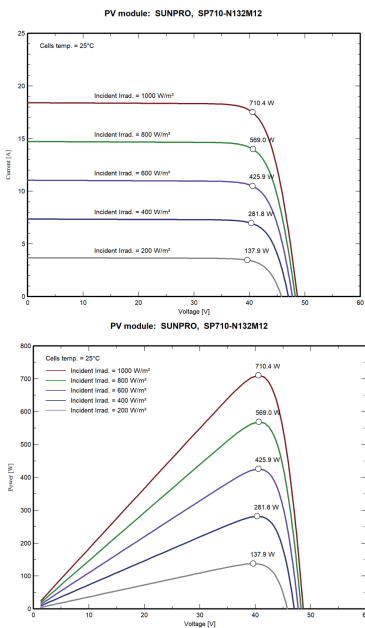
TEMPERATURE CHARACTERISTICS

Temp. Coeff. of Isc (TK Isc)	0.045% / °C
Temp. Coeff. of Voc (TK Voc)	-0.25% / °C
Temp. Coeff. of Pmax (TK Pmax)	-0.30% / °C
Normal Operating Cell Temperature	45±2°C

MODULE DIMENSIONS(MM)



I-V CHARACTERISTICS AT DIFFERENT IRRADIATION



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