



Tier1

BloombergNEF

Power the future

PERC

385-410W

· Silver frame



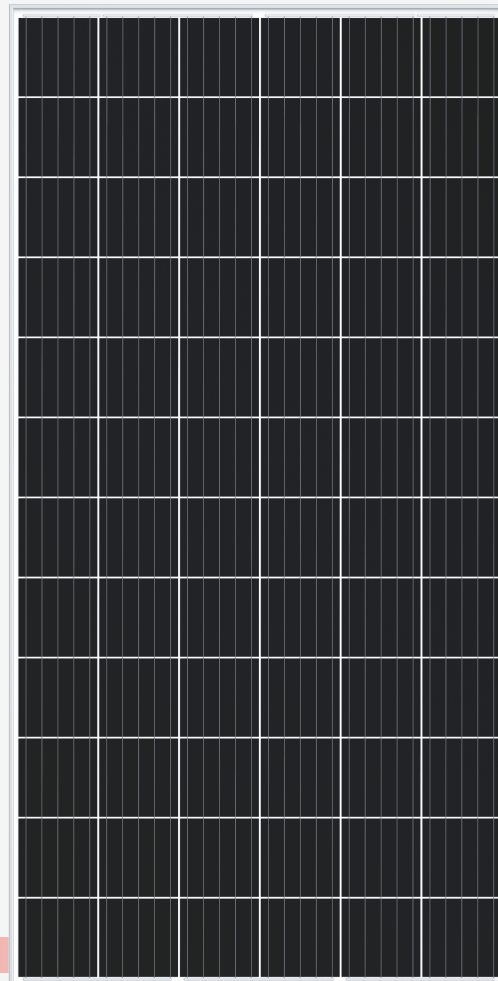
UTILITY



C&I

Module efficiency

20.68%



**Better leveled
cost of energy**



**Better high
temperature stability**

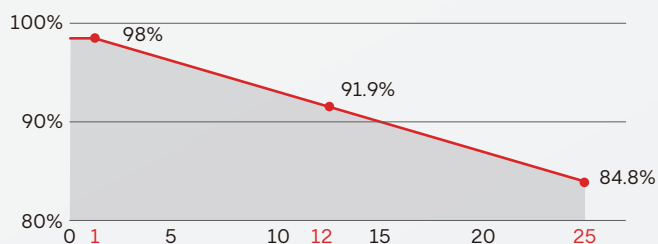


**Improved low-light
performance**



**Excellent
bifacial performance**

Linear performance guarantee for 30 years



WARRANTY

Quality
Guarantee

**12
years**

Power
Warranty

**25
years**

CERTIFICATE



Ariel Green



Model of modules	SP385-72M	SP390-72M	SP395-72M	SP400-72M	SP405-72M	SP410-72M
	STC	STC	STC	STC	STC	STC
Power (Pmax/W)	385	390	395	400	405	410
Maximum power voltage (Vmp)	40.80	41.10	41.40	41.70	42.00	42.30
Maximum power current (Imp)	9.44	9.49	9.55	9.60	9.65	9.70
Open circuit voltage (Voc)	49.10	49.30	49.50	49.80	50.10	50.20
Short circuit current (Isc)	9.92	10.12	10.23	10.36	10.39	10.50
Module efficiency	19.16%	19.67%	20.17%	20.17%	20.42%	20.68%

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

ELECTRICAL PARAMETERS AT NMOT TEST CONDITIONS

Front power Pmax/W	286.00	290.00	294.00	298.00	302.00	306.00
Maximum power voltage (Vmp)	37.70	37.70	37.80	37.90	38.20	38.30
Maximum power current (Imp)	7.57	7.69	7.78	7.86	7.89	7.98
Open circuit voltage (Voc)	45.60	45.80	46.00	46.30	46.50	46.60
Short circuit current (Isc)	8.02	8.18	8.27	8.37	8.40	8.48

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

STRUCTURAL CHARACTERISTICS

Module size (L*W*H)	1979x1002x35mm
Weight	20.7 kg
Cell	72 cells, Mono-Crystalline PERC, 158.75mm x 158.7mm
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 1100mm
Connector	MC4 Compatible IP68
Packing Specification	31 pcs/Pallet ; 682 pcs/40' HQ

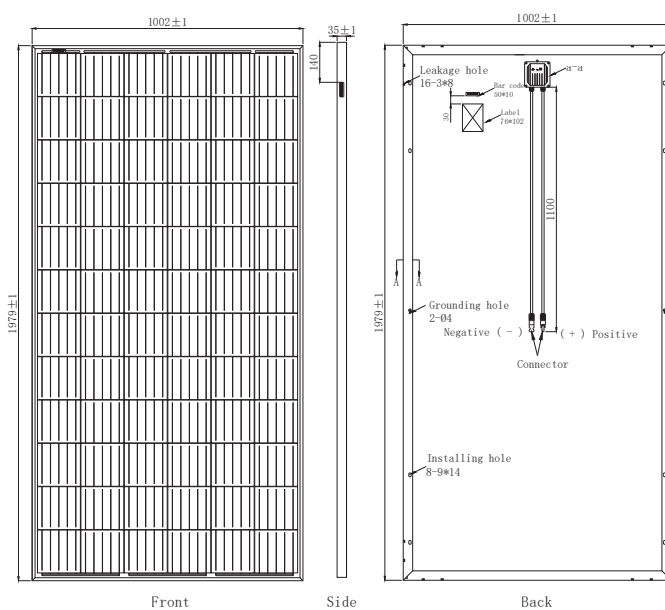
OPERATING PARAMETERS

Power tolerance (W)	(0~+5W)
Maximum system voltage (V)	1500(TÜV)
Maximum rated fuse current (A)	20A
Current operating temperature (C)	-40~+85°C
Mechanical load	+5400Pa/-2400Pa

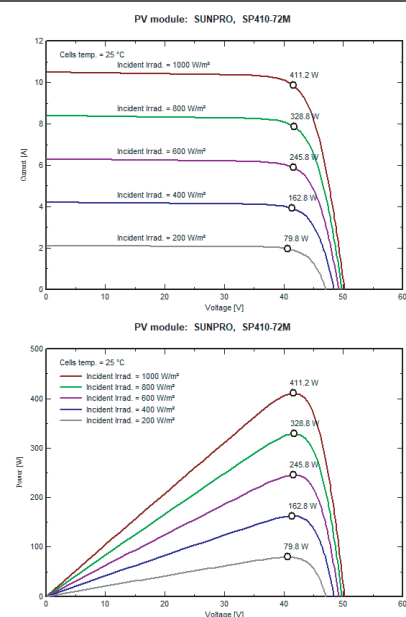
TEMPERATURE CHARACTERISTICS

Temp. Coeff. of Isc (TK Isc)	0.049% / °C
Temp. Coeff. of Voc (TK Voc)	-0.29% / °C
Temp. Coeff. of Pmax (TK Pmax)	-0.35% / °C
Normal Operating Cell Temperature	44±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