



Tier1

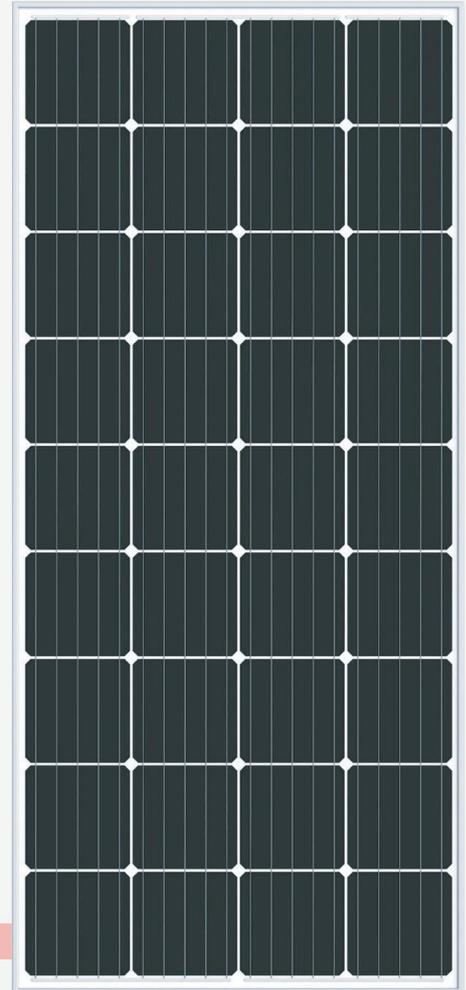
BloombergNEF

Power the future

PERC

185-205W

· Silver frame



 UTILITY

 C&I

Module efficiency

20.25%



Better leveled cost of energy



Better high temperature stability

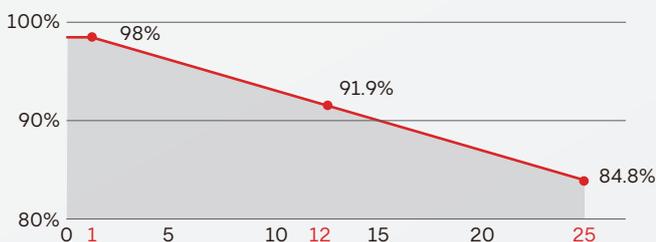


Improved low-light performance



Excellent bifacial performance

Linear performance guarantee for 30 years



WARRANTY

Quality Guarantee **12 years**

Power Warranty **25 years**

CERTIFICATE



Model of modules	SP185-36M	SP190-36M	SP195-36M	SP200-36M	SP205-36M
	STC	STC	STC	STC	STC
Power (Pmax/W)	185	190	195	200	205
Maximum power voltage (Vmp)	19.80	19.90	20.16	20.27	20.52
Maximum power current (Imp)	9.35	9.55	9.68	9.87	10.00
Open circuit voltage (Voc)	24.30	24.40	24.80	25.00	25.50
Short circuit current (Isc)	9.89	10.12	10.22	10.39	10.45
Module efficiency	18.27%	18.77%	19.26%	19.75%	20.25%

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	138.00	141.00	145.00	149.00	153.00
Maximum power voltage (Vmp)	18.40	18.50	18.80	18.90	19.30
Maximum power current (Imp)	7.48	7.65	7.73	7.86	7.91
Open circuit voltage (Voc)	22.60	22.70	23.10	23.20	23.70
Short circuit current (Isc)	8.00	8.18	8.26	8.40	8.44

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

STRUCTURAL CHARACTERISTICS

Module size (L*W*H)	1500x675x35mm
Weight	10.6kg
Cell	36 cells,Mono-Crystalline PERC,158.75mm x158.7mm
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 900mm
Connector	MC4 Compatible IP68
Packing Specification	95 pcs/Pallet ; 1425 pcs/40' HQ

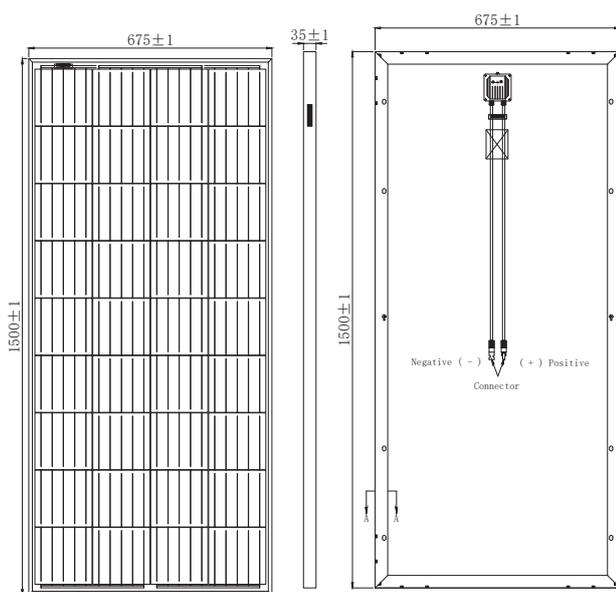
OPERATING PARAMETERS

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

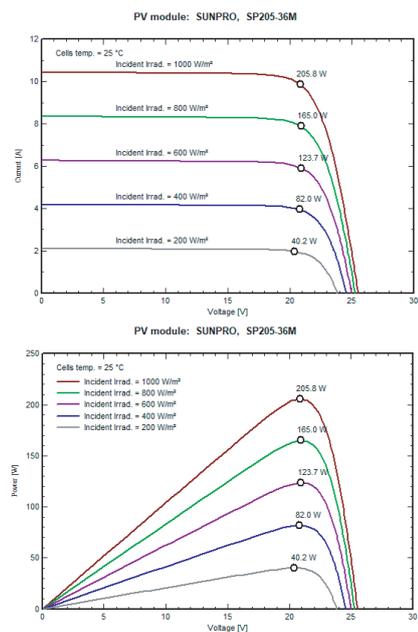
TEMPERATURE CHARACTERISTICS

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