



Tier1

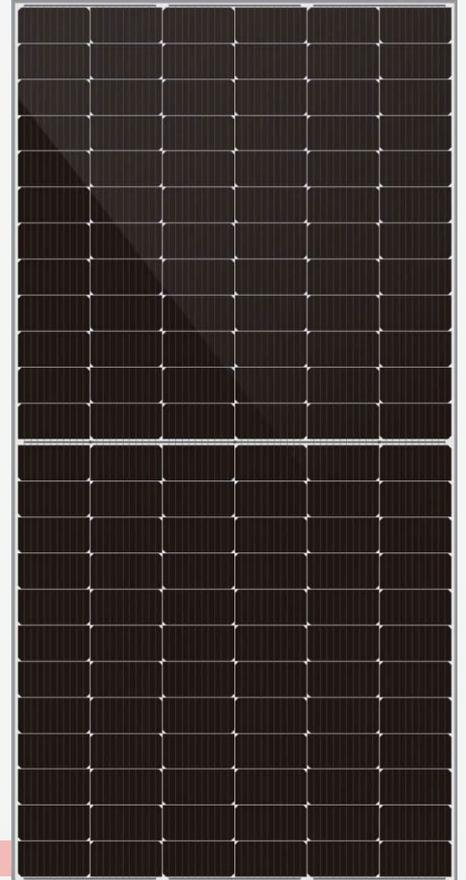
BloombergNEF

Power the future

PERC

540-565W

· Silver frame



 UTILITY

 C&I

Module efficiency

21.86%



Better leveled cost of energy



Better high temperature stability

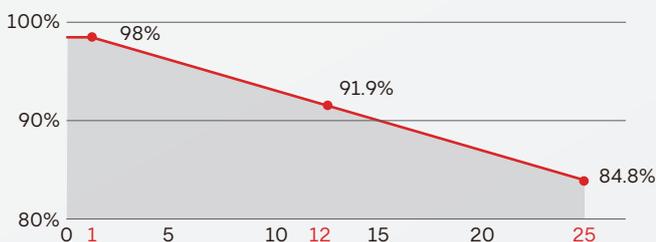


Improved low-light performance



Excellent bifacial performance

Linear performance guarantee for 30 years



WARRANTY

Quality Guarantee **12 years**

Power Warranty **25 years**

CERTIFICATE



Model of modules	SP540-144M10	SP545-144M10	SP550-144M10	SP555-144M10	SP560-144M10	SP565-144M10
	STC	STC	STC	STC	STC	STC
Power (Pmax/W)	540	545	550	555	560	565
Maximum power voltage (Vmp)	41.69	41.83	41.96	42.09	42.23	42.36
Maximum power current (Imp)	12.96	13.03	13.11	13.19	13.27	13.34
Open circuit voltage (Voc)	49.58	49.74	49.90	50.06	50.22	50.38
Short circuit current (Isc)	13.84	13.92	14.00	14.08	14.16	14.24
Module efficiency	20.89%	21.09%	21.28%	21.48%	21.67%	21.86%

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	365	369	373	376	380	383
Maximum power voltage (Vmp)	34.90	35.00	35.20	35.30	35.50	35.70
Maximum power current (Imp)	10.47	10.53	10.59	10.64	10.69	10.75
Open circuit voltage (Voc)	42.20	42.40	42.50	42.30	42.80	42.90
Short circuit current (Isc)	11.09	11.15	11.20	11.25	11.30	11.35

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

STRUCTURAL CHARACTERISTICS

Module size (L*W*H)	2278x1134x35mm
Weight	26.8 kg
Cell	144 cells,Mono-Crystalline PERC,182mm x 91mm
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 ; 620 pcs/40' HQ

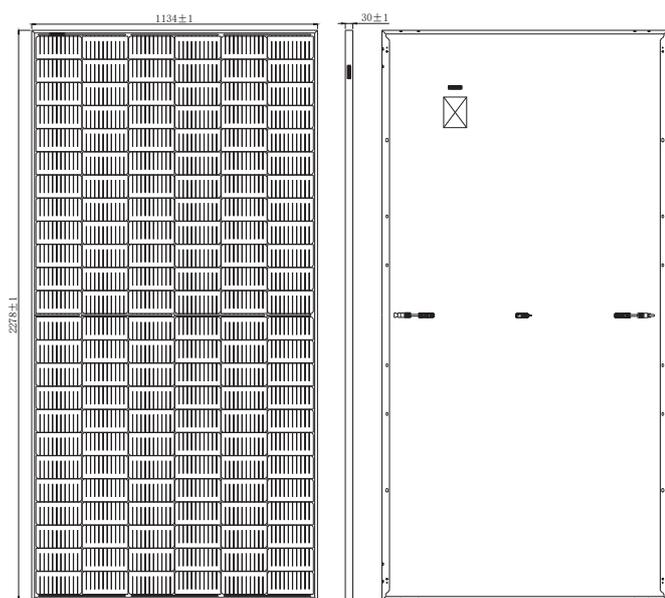
OPERATING PARAMETERS

Power tolerance (W)	(0~+5W)
Maximum system voltage (V)	1500(TÜV,UL) / 1000V(CUL)
Maximum rated fuse current (A)	25A
Current operating temperature (C)	-40~+85°C
Mechanical load	+5400Pa/-2400Pa

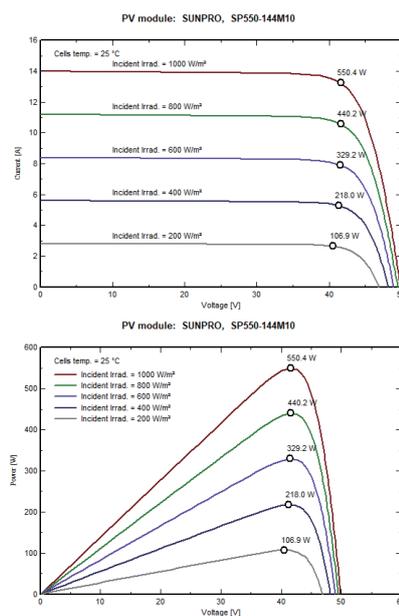
TEMPERATURE CHARACTERISTICS

Temp. Coeff. of Isc (TK Isc)	0.048% / °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