



Tier1

BloombergNEF

Power the future

HJT 210R HI-EFF BIFACIAL

600-635W

High efficiency bifacial modules

· Silver frame, White mesh



UTILITY

C&I

Module efficiency

22.34%



Better leveled cost of energy



Better high temperature stability

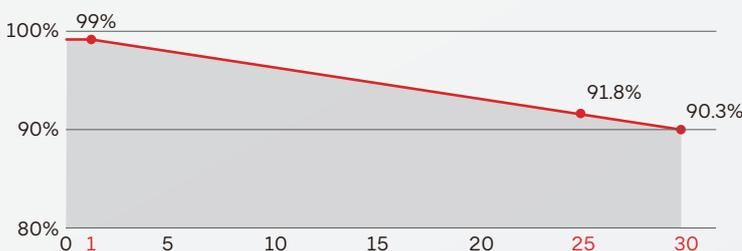


Improved low-light performance



Excellent bifacial performance

Linear performance guarantee for 30 years



WARRANTY

Quality Guarantee **15** years

Power Warranty **30** years

CERTIFICATE



Model of modules	SP600W-210R-132DS		SP610W-210R-132DS		SP620W-210R-132DS		SP630W-210R-132DS	
	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Power (Pmax/W)	600.00	458.40	610.00	466.10	620.00	473.70	630.00	481.50
Maximum power voltage (Vmp)	40.69	38.70	40.85	38.80	41.05	39.00	41.23	39.10
Maximum power current (Imp)	14.76	11.85	14.95	12.00	15.12	12.15	15.30	12.30
Open circuit voltage (Voc)	48.75	46.50	48.94	46.70	49.15	46.90	49.34	47.10
Short circuit current (Isc)	15.56	12.52	15.76	12.68	15.96	12.84	16.16	13.00
Module efficiency	22.21%		22.58%		22.95%		23.32%	

STC (Electrical parameters at standard test conditions. STC:AM=1.5, 1000W/m² ,Cells Temperature25°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	690.00	701.50	713.00	724.50
Maximum power voltage (Vmp)	40.69	40.85	41.05	41.23
Maximum power current (Imp)	16.96	17.17	17.37	17.57
Open circuit voltage (Voc)	48.75	48.94	49.15	49.34
Short circuit current (Isc)	17.88	18.10	18.33	18.56

STRUCTURAL CHARACTERISTICS

Module size (L*W*H)	2382×1134×30mm
Weight	32.6kg
Cell	132 cell(Half-Cell),Mono-Crystalline ,Bifacial HJT, 182x105mm
Glass	(F)2.0mm ultra clear embossed semi-tempered coated glass (B)2.0mm white mesh semi-tempered glass
Frame	Anodized aluminum alloy
Junction box	IP68
Output wire	4mm ²
Wire length	1300mm
Connector	MC4 Compatible IP68
Packing Specification	36 pcs/Pallet ; 720 pcs/40' HQ

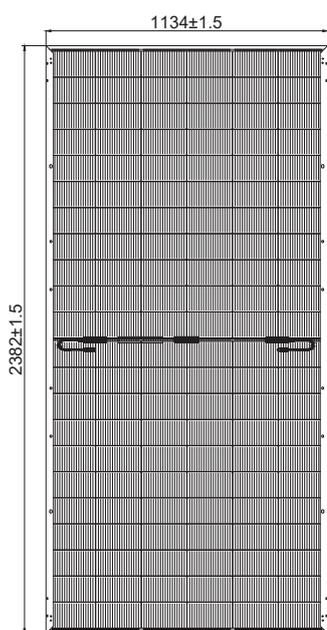
OPERATING PARAMETERS

Power tolerance (W)	(0~+3W)
Maximum system voltage (V)	1500V
Maximum rated fuse current (A)	30A
Current operating temperature (C)	-40~+85°C
Mechanical load	+5400Pa/-2400Pa

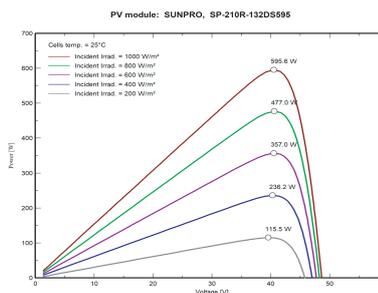
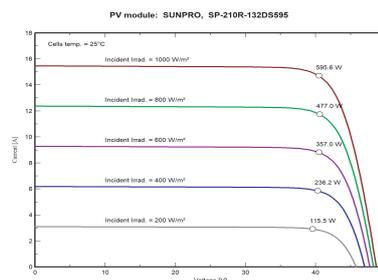
TEMPERATURE CHARACTERISTICS

Temp. Coeff. of Isc (TK Isc)	0.04% / °C
Temp. Coeff. of Voc (TK Voc)	-0.24% / °C
Temp. Coeff. of Pmax (TK Pmax)	-0.24% / °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