



**Tier1**

BloombergNEF  
Power the future

# HJT 210R HI-EFF BIFACIAL

## 600-635W

· Silver frame, White mesh

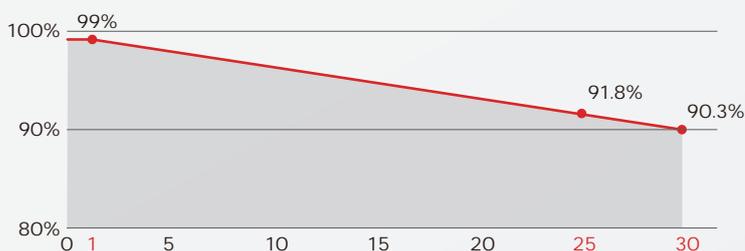


 UTILITY

 C&I

Module efficiency

# 22.34%



### 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/m<sup>2</sup> ,Cells Temperature25°C )

NMOT ( Irradiance 800W/m<sup>2</sup>, Ambient Temperature 20°C,AM1.5,Wind Speed 1m/s )

**IRRADIANCE 800W/M<sup>2</sup>, 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 <sup>2</sup>
Wire length	1300mm
Connector	MC4 Compatible IP68
Packing Specification	36 pcs/Pallet ; 720 pcs/40' HQ

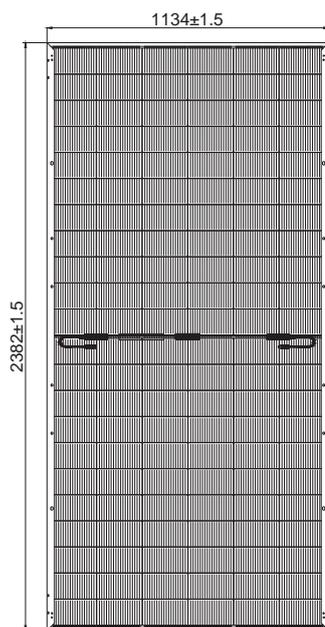
**OPERATING PARAMETERS**

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

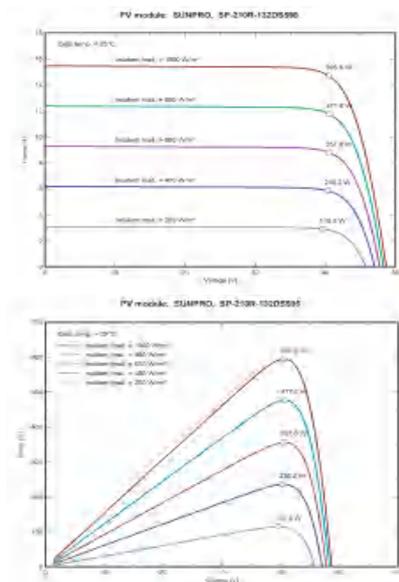
**TEMPERATURE CHARACTERISTICS**

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**



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