

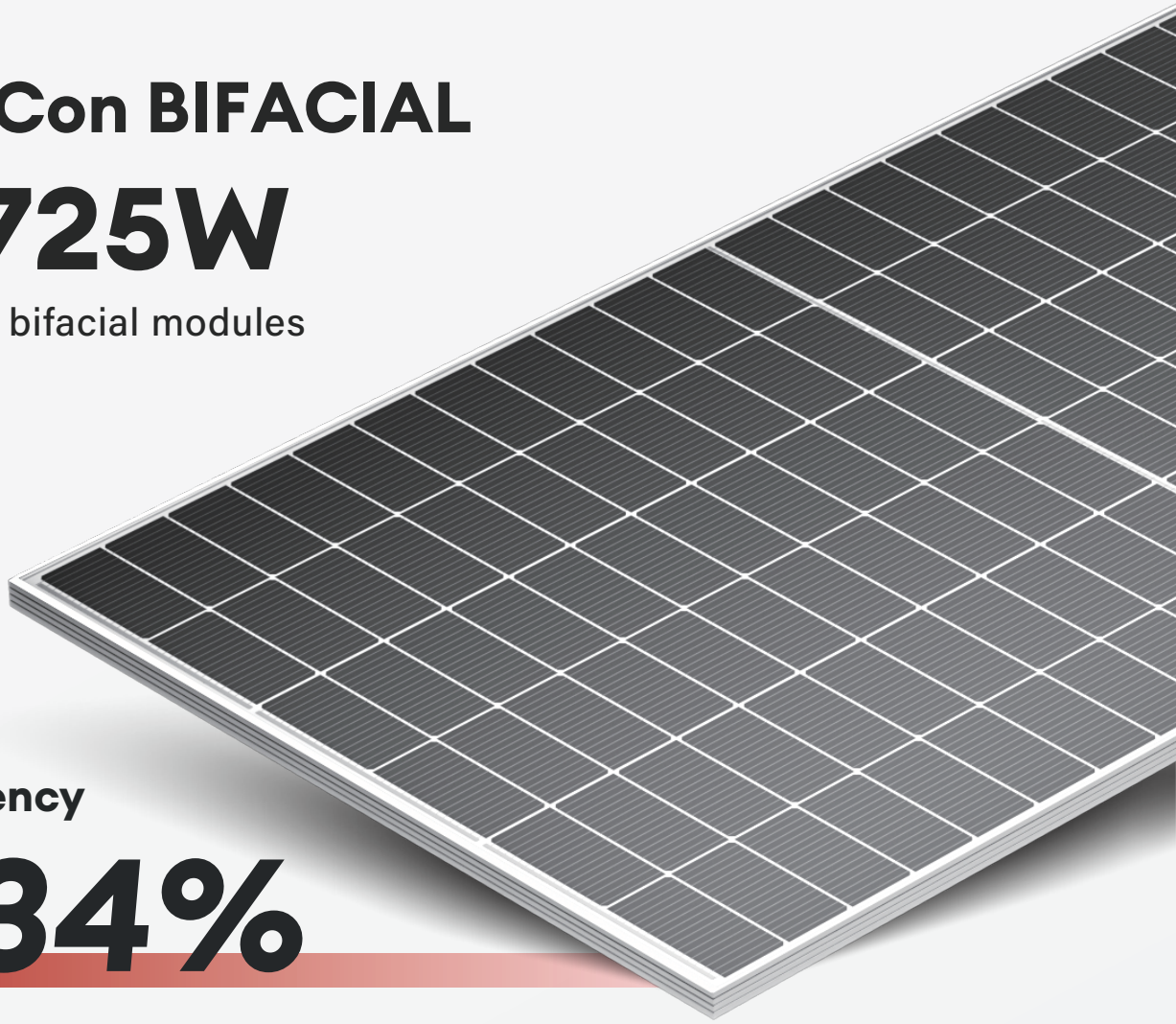
**Tier1**

BloombergNEF

# 210 TOPCon BIFACIAL

# 710-725W

High efficiency bifacial modules



Module efficiency

# 23.34%



WITHSTAND STRONG



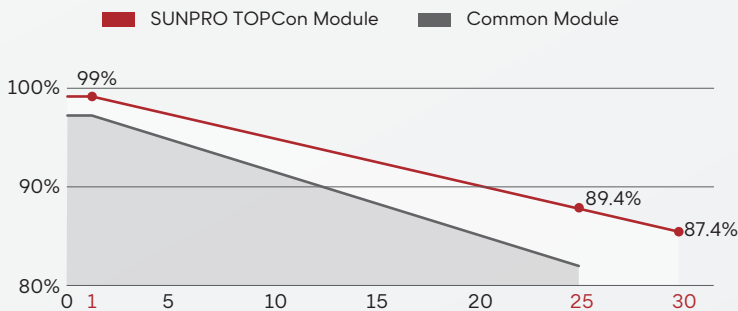
PID RESISTANCE



AUTOMATIC PRODUCTION



HIGH EFFICIENCY



## WARRANTY

Quality Guarantee **25** years

Power Warranty **30** years

## CERTIFICATE



## ELECTRIC CHARACTERISTICS

## SPDG (710/725W)-N132M12

Model of modules	SPDG710N132M12		SPDG715-N132M12		SPDG720-N132M12		SPDG725-N132M12	
	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Power ( Pmax/W )	710	537.90	715	541.9	720	546	725	549.9
Maximu power current ( Vmp )	40.88	38.40	41.07	38.6	41.27	38.8	41.46	39
Maximu power current ( Imp )	17.37	14.01	17.41	14.04	17.45	14.07	17.49	14.11
Open circuit voltage ( Voc )	48.65	46.20	48.84	46.4	49.03	46.6	49.23	46.8
Short circuitcurrent ( Isc )	18.4	14.80	18.44	14.83	18.48	14.86	18.52	14.9
Module efficiency	22.86%		23.02%		23.18%		23.34%	

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 )

## ELECTRICAL CHARACTERISTICS WITH 15% REAR SIDE POWER GAIN

Front power Pmax/W	816.50	822.25	828.00	833.75
Maximu power voltage ( Vmp )	40.88	41.07	41.27	41.46
Maximu power current ( Imp )	19.97	20.02	20.06	20.11
Open circuit voltage ( Voc )	48.65	48.84	49.03	49.23
Short circuitcurrent ( Isc )	21.16	21.21	21.25	21.30

## STRUCTURAL CHARACTERISTICS

Module size (L*W*H)	2384x1303x33mm
Weight	37.5kg
Cell	132 cells,N type Mono-Crystalline , 210mm×105mm
Front glass	2.0mm , Anti-Reflection Coating
Back glass	2.0mm , Heat Strengthened Glass
Frame	Anodized aluminum alloy
Junction box	IP68 , 3 bypass diodes
Output wire	4mm <sup>2</sup>
Wire length	Line length 1300mm/customized
Connector	MC4 Compatible
Packing Specification	33 pcs/Pallet ; 594 pcs/40' HQ

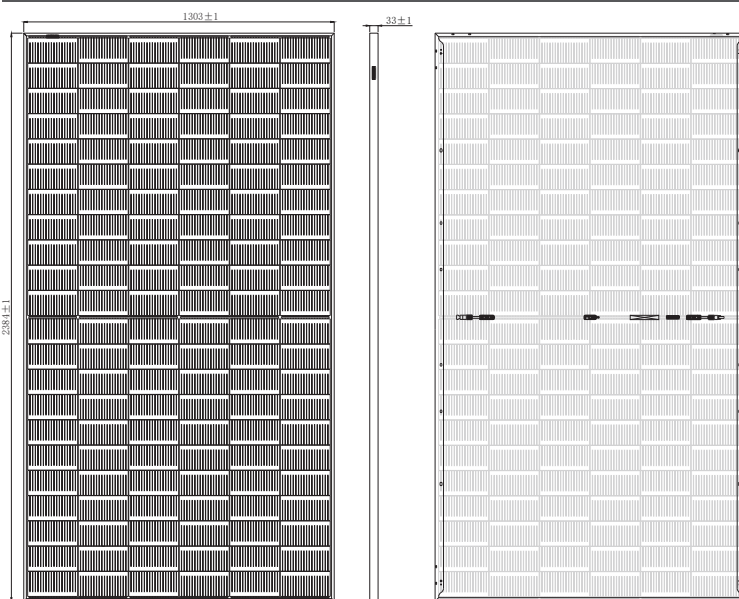
## OPERATING PARAMETERS

Power tolerance (W)	(0~+5W)
Maximum system voltage (V)	1500V
Maximum rated fuse current (A)	35A
Current operating temperature (C)	-40~+85°C
Mechanical load	+5400Pa/-2400Pa

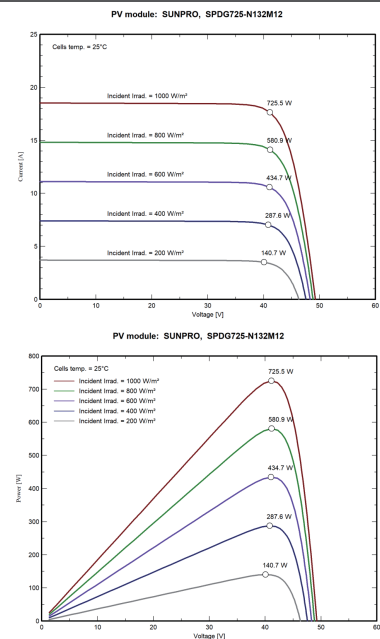
## TEMPERATURE CHARACTERISTICS

Temp. Coeff. of Isc (TK Isc)	0.045% / °C
Temp. Coeff. of Voc (TK Voc)	-0.25% / °C
Temp. Coeff. of Pmax (TK Pmax)	-0.30% / °C
Normal Operting Cell Temperature	45±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