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BloombergNEF

FEOC
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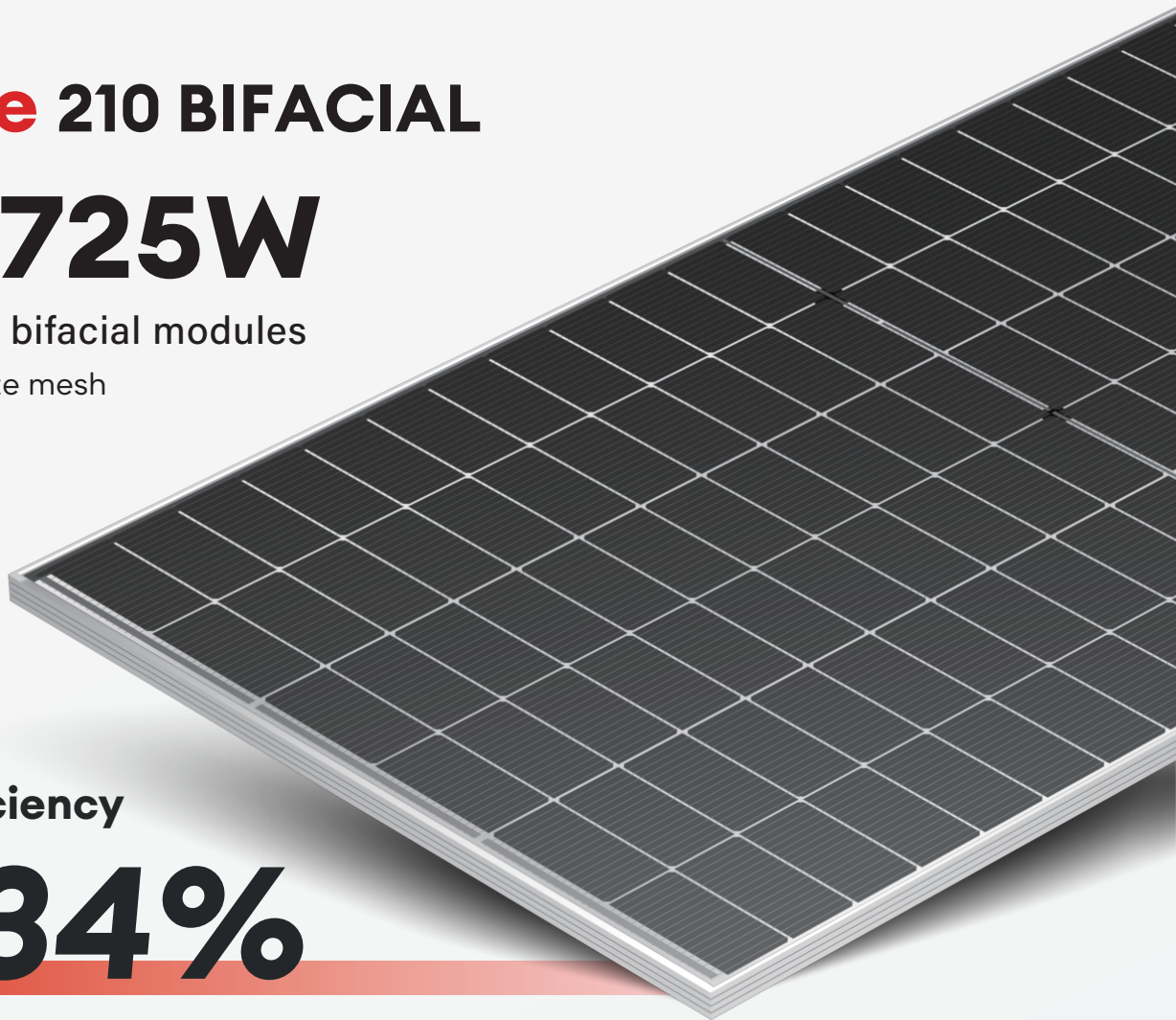
Power the future

N-Type 210 BIFACIAL

700-725W

High efficiency bifacial modules

· Silver frame, White mesh



Module efficiency

23.34%



Better leveled
cost of energy



Better high
temperature stability

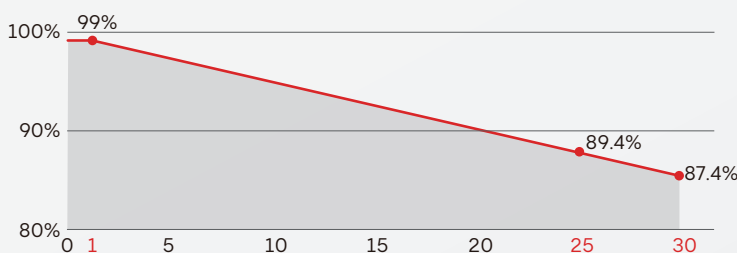


Improved low-light
performance



Excellent
bifacial performance

Linear performance guarantee for 30 years



WARRANTY

Extended warranty is available at additional cost

Quality Guarantee **15** years

Power Warranty **30** years

CERTIFICATE



ELECTRIC CHARACTERISTICS

SPDG (700/725W)-N132M12

Model of modules	SPDG700-N132M12		SPDG705-N132M12		SPDG710-N132M12		SPDG715-N132M12		SPDG720-N132M12		SPDG725-N132M12	
	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Power (Pmax/W)	700.00	529.50	705.00	533.80	710.00	537.90	715.00	541.90	720.00	546.00	725.00	549.90
Maximum power current (Vmp)	40.51	38.00	40.69	38.20	40.88	38.40	41.07	38.60	41.27	38.80	41.46	39.00
Maximum power current (Imp)	17.28	13.94	17.33	13.98	17.37	14.01	17.41	14.04	17.45	14.07	17.49	14.11
Open circuit voltage (Voc)	48.27	45.80	48.46	46.00	48.65	46.20	48.84	46.40	49.03	46.60	49.23	46.80
Short circuit current (Isc)	18.32	14.74	18.36	14.77	18.40	14.80	18.44	14.83	18.48	14.86	18.52	14.90
Module efficiency	22.53%		22.70%		22.86%		23.02%		23.18%		23.34%	

STC (Electrical parameters at standard test conditions (STC:AM=1.5, 1000W/m², Cells Temperature 25°C)

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

ELECTRICAL CHARACTERISTICS WITH 15% REAR SIDE POWER GAIN

Front power Pmax/W	805.00	810.75	816.50	822.25	828.00	833.75
Maximum power voltage (Vmp)	40.51	40.69	40.88	41.07	41.27	41.46
Maximum power current (Imp)	19.87	19.93	19.97	20.02	20.06	20.11
Open circuit voltage (Voc)	48.27	48.46	48.65	48.84	49.03	49.23
Short circuit current (Isc)	21.07	21.11	21.16	21.21	21.25	21.30

STRUCTURAL CHARACTERISTICS

Module size (L*W*H)	2384 × 1303 × 33mm
Weight	37.5kg
Cell	132cells (Half-Cell), Mono-Crystalline, N type Bifacial, 210mm x 105mm
Front glass	2.0mm ultra clear embossed double layer colorless glass
Back glass	2.0mm white mesh glazed tempered glass
Frame	Anodized aluminum alloy
Junction box	IP68
Output wire	4mm ²
Wire length	symmetrical lengths 1300mm
Connector	Stäubli MC4
Packing Specification	33 pcs/Pallet ; 594 pcs/40' HQ

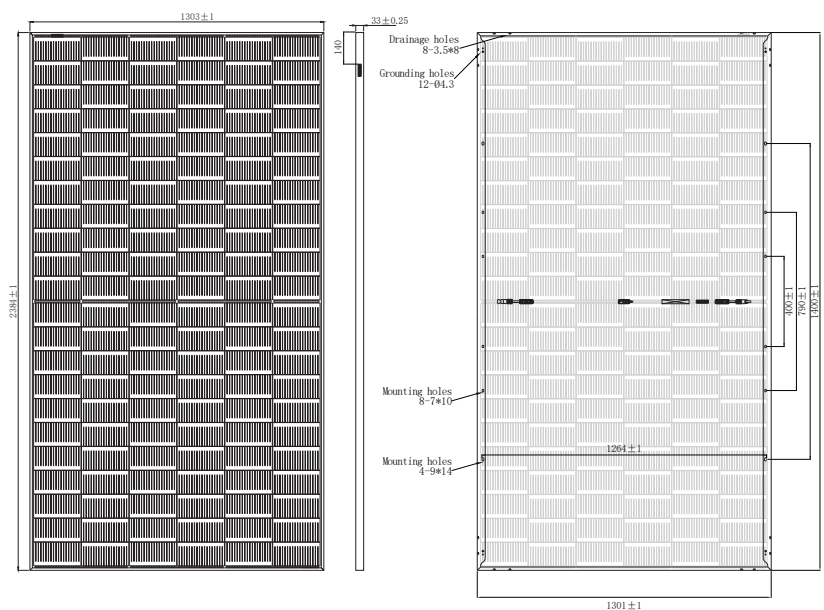
OPERATING PARAMETERS

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

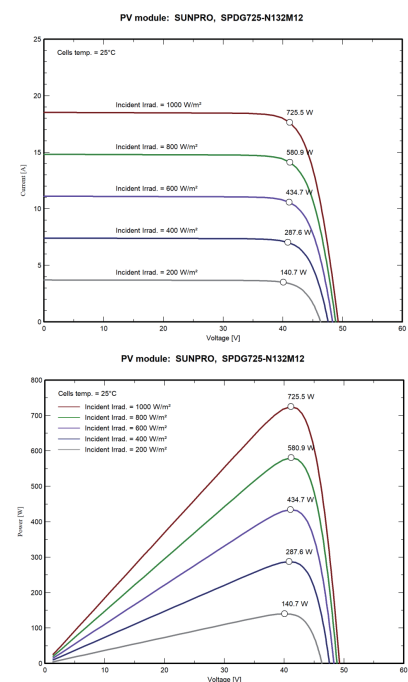
TEMPERATURE CHARACTERISTICS

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 Operating Cell Temperature	45 ± 2°C

MODULE DIMENSIONS(MM)



I-V CHARACTERISTICS AT DIFFERENT IRRADIATION



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*All data may have a lag, for reference only. Sunpro has the final right of interpretation.