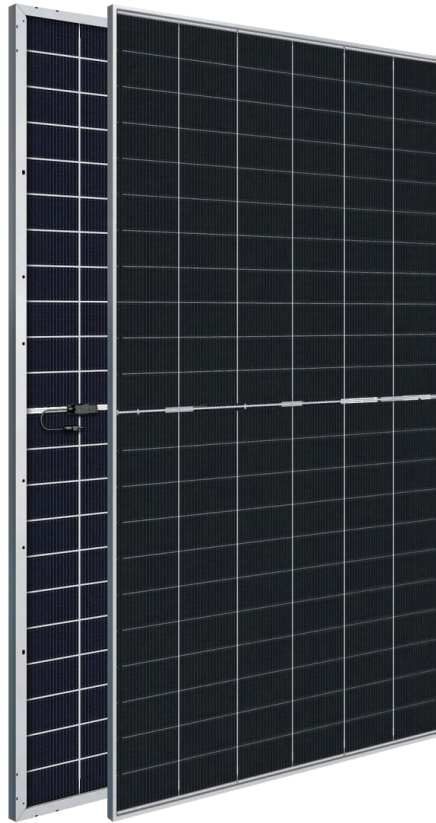
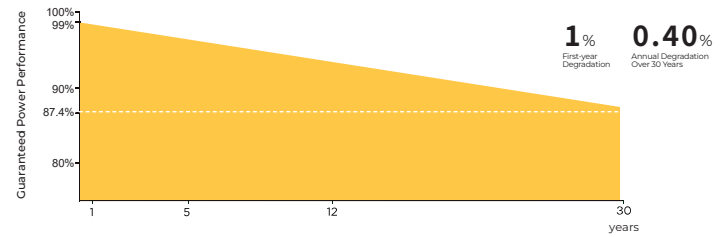


LINEAR PERFORMANCE WARRANTY



BE680-700T9-132(HC)BF

N-TYPE



SMBB Technology

Better light trapping and current collection to improve module power output and reliability.



PID Resistance

Excellent Anti-PiD performance guarantee via optimized mass-production process and materials control.



Durability Against Extreme Environmental Conditions

High salt mist and ammonia resistance



Hot 2.0 Technology

The N-type module with Hot 2.0 technology has better reliability and lower LID/LETID.

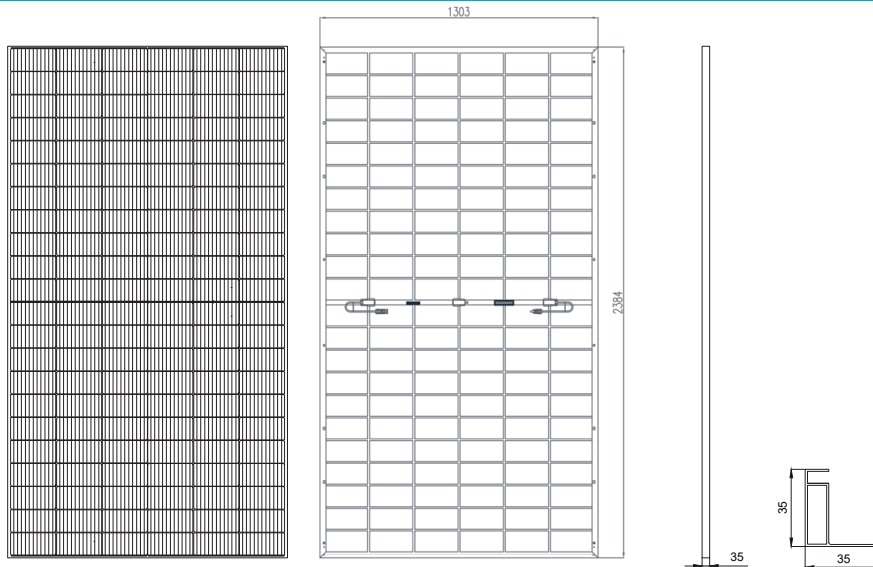


Enhanced Mechanical Load

Certified to with stand: wind load (2400 Pascal) and snow load (5400 Pascal).

BE680-700T9-132(HC)BF

N-TYPE



TYPE	BE680T9-132(HC)BF		BE685T9-132(HC)BF		BE690T9-132(HC)BF		BE695T9-132(HC)BF		BE700T9-132(HC)BF	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Power Output	680	513	685	517	690	521	695	525	700	529
Voltage Open Circuit, Voc (V)	46,5	44,37	46,69	44,56	46,88	44,75	47,07	44,94	47,26	45,13
Short Circuit Current, Isc (A)	18,69	15,05	18,74	15,09	18,79	15,13	18,84	15,17	18,89	15,21
Max. Voltage, Vmpp (V)	38,55	36,15	38,74	36,36	38,94	36,56	39,13	36,74	39,33	36,94
Current, Impp (A)	17,64	14,19	17,68	14,22	17,72	14,25	17,76	14,29	17,8	14,32
Module Efficiency (%)	21,89		22,05		22,21		22,37		22,53	
Max. Power Tolerance (W)	0-5									
Max. System Voltage (V)	1.500Vdc (IEC)									
Maximum Series Fuse Rating (A)	30A									
Bifaciality	75±5 %									

STC: Irradiance 1000 W/m², Cell Temperature 25°C, AM 1.5 NOCT: Irradiance 800 W/m², Temperature 20°C, Wind Speed 1 m/s

BIFACIAL OUTPUT-REAR SIDE POWER GAIN (690)					
Power Gain	Maximum Power-Pmax (W)	Open Circuit Voltage-Voc (V)	Short-Circuit Current-Isc (A)	Voltage at Pmax-Vmpp (V)	Current at Pmax-Impp (A)
10%	759	46,88	20,67	38,94	19,49
15%	794	46,88	21,61	38,94	20,38
20%	828	46,88	22,55	38,94	21,26
25%	863	46,88	23,49	38,94	22,15
30%	897	46,88	24,43	38,94	23,04

TEMPERATURE COEFFICIENTS	
Temp. Coefficient (Pmax)	-0.29%/°C
Temp. Coefficient (Isc)	0.046%/°C
Temp. Coefficient (Voc)	-0.26%/°C
Nominal Operating Cell Temp.(NOCT)	45°C (±2°C)
Operating Temperature	-40~+85°C

MECHANICAL SPECIFICATIONS	
Dimensions	2384*1303*35mm
N° of cells	132[2x(11x6)]
Cells Size	210mm*105mm
Front glass	2.0mm, Anti-Reflection Coating
Rear Glass	2.0mm, Heat Strengthened Glass
Weight	38kg
Junction Box	IP68 (3 diodes)
Frame	Anodized aluminum alloy
Cable	4mm²
Packaging Configuration	31pcs/Pallet, 558pcs/40HQ Container

I - V CURVES

Cells Temperature: 25°C. Current-Voltage & Power Voltage Curve (690)

