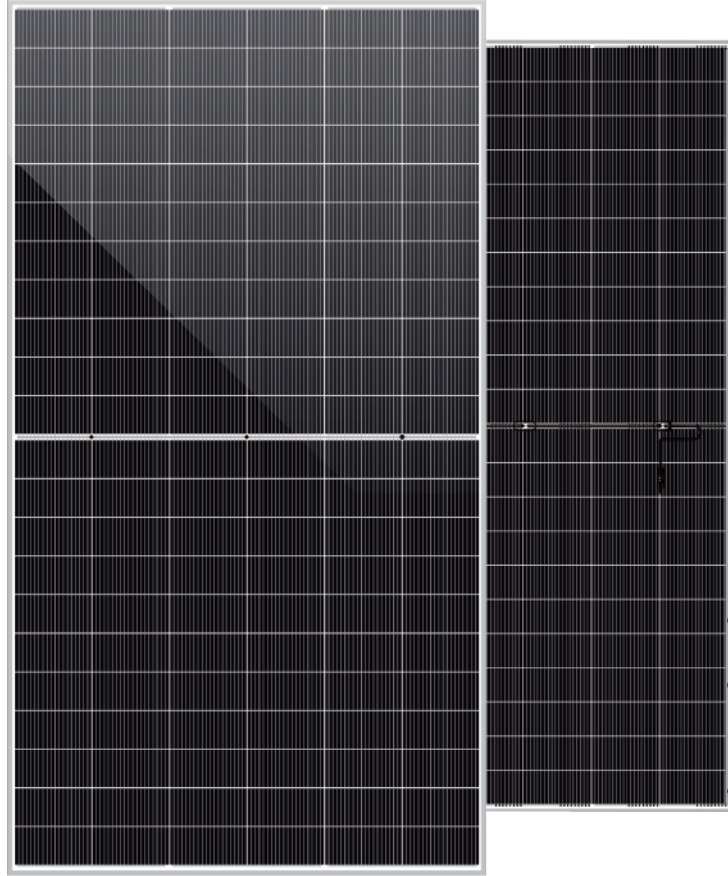
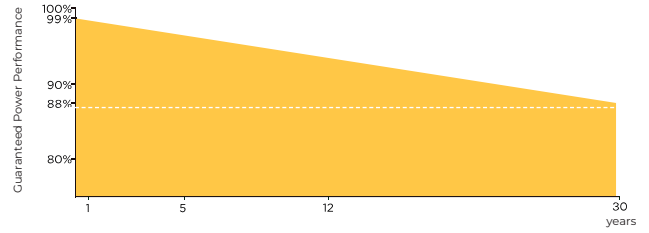




Europe based  
aftersale service  
Company HQ in Spain

## 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).



Anti-PiD  
System voltage durability  
PPP 56042



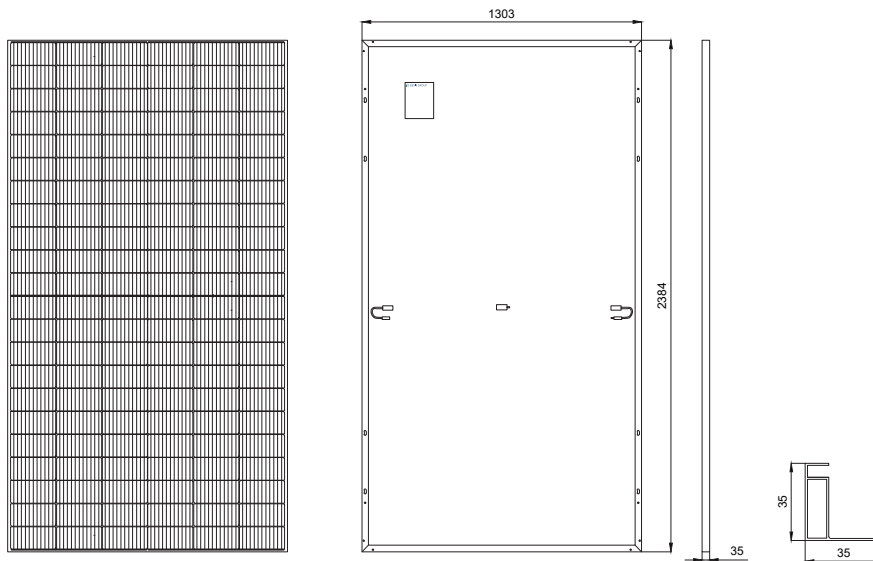
+34 985 194 232

CALLE COVADONGA 5, 33002 (OVIEDO, ASTURIAS)

[www.bexiegroup.com](http://www.bexiegroup.com)

# 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)	25A									
Bifaciality	75±5 %									

STC: Irradiance 1000 W/m<sup>2</sup>, Cell Temperature 25°C, AM 1.5 NOCT: Irradiance 800 W/m<sup>2</sup>, Temperature 20°C, Wind Speed 1 m/s

BIFACIAL OUTPUT-REARSIDE POWER GAIN					
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	39,94	19,49
15%	794	47,88	21,61	40,94	20,38
20%	828	48,88	22,55	41,94	21,26
25%	863	49,88	23,49	42,94	22,15
30%	897	50,88	24,43	43,94	23,04

TEMPERATURE COEFFICIENTS	
Temp. Coefficient (Pmax)	-0.30%/°C
Temp. Coefficient (Isc)	0.046%/°C
Temp. Coefficient (Voc)	-0.26%/°C
Operating Temperature	-40~+85°C
NOCT	42±2°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	4mm <sup>2</sup>
Packaging Configuration	31pcs/Pallet, 558pcs/40HQ Container

## I - V CURVES

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

