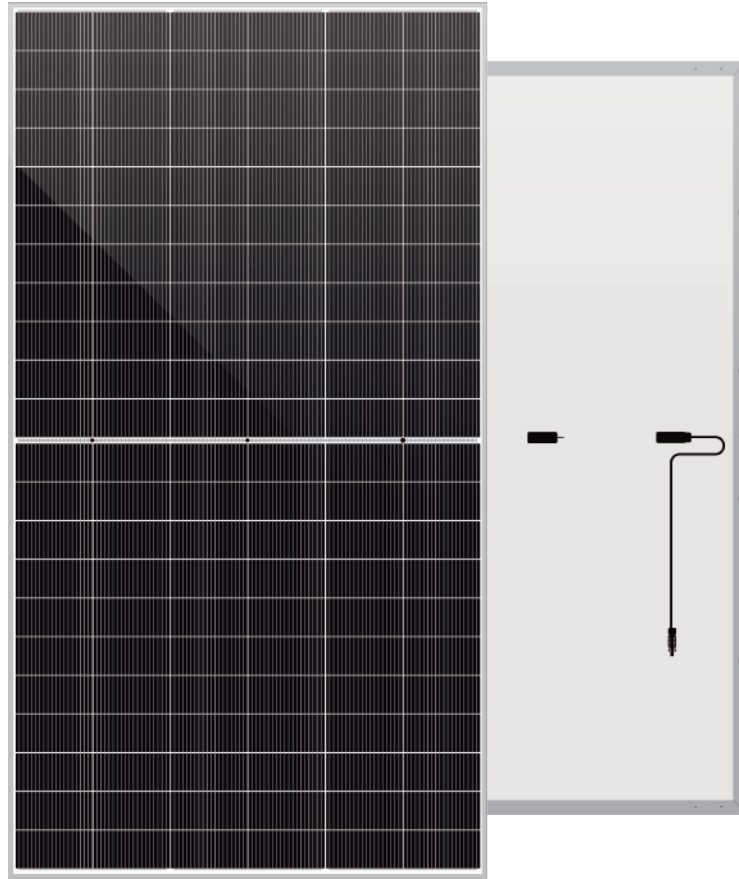
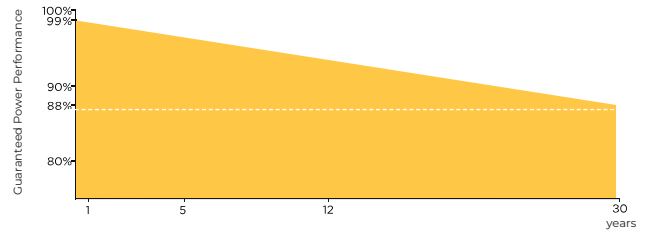




Europe based  
aftersale service  
Company HQ in Spain

## LINEAR PERFORMANCE WARRANTY



# BE680-700T9-132(HC)

## 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



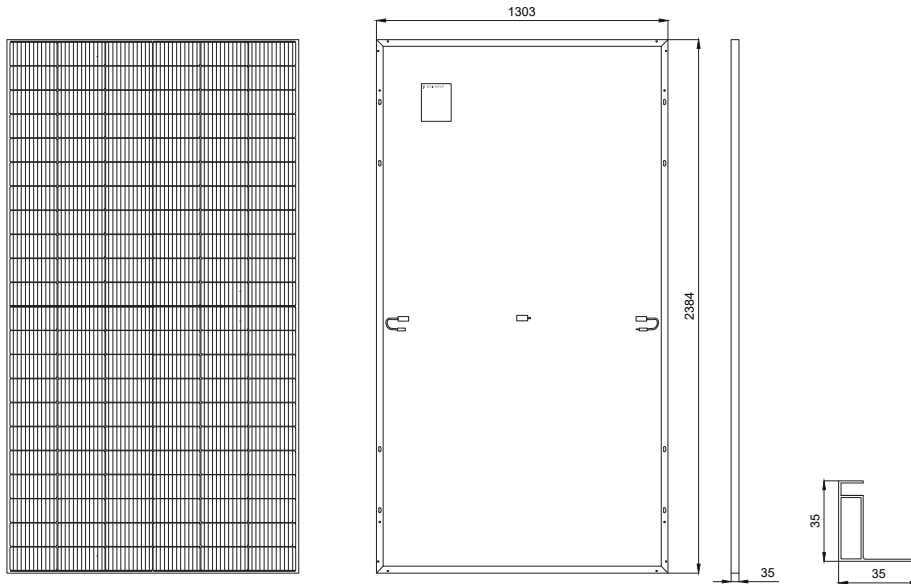
+34 985 194 232

CALLE COVADONGA 5, 33002 (OVIEDO, ASTURIAS)

www.bexiegroup.com

# BE680-700T9-132(HC)

N-TYPE



## MECHANICAL SPECIFICATIONS

N° of cells	132[2x(11x6)]
Dimensions	2384*1303*35mm
Connector	MC4 Compatible
Cells	210mm*105mm
Front glass	High transmission glass 3.2mm
Packaging Configuration	31pcs/Pallet, 558pcs/40HQ Container
Weight	33kg
Maximum Static Load, Front	5400Pa (112lb/ft <sup>2</sup> )
Maximum Static Load, Back	2400Pa (50lb/ft <sup>2</sup> )
Junction Box	IP68 (3 diodes)
Frame	Anodized aluminum alloy
Cable: TUV 1x4.0mm <sup>2</sup> , (+)	200mm or Customized length

## TEMPERATURE COEFFICIENTS

Temp. Coefficient (Pmax)	-0.290%/°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

TYPE	BE680T9-132(HC)		BE685T9-132(HC)		BE690T9-132(HC)		BE695T9-132(HC)		BE700T9-132(HC)	
	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, Vmmp (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)	1.500DC (IEC)									
Maximum Series Fuse Rating (A)	30A									

STC: Irradiance 1000 W/m<sup>2</sup>, Cell Temperature 25°C, AM1.5 NOCT: Irradiance 800 W/m<sup>2</sup>, Temperature 20°C, Wind Speed 1 m/s

## I- V CURVES

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

