

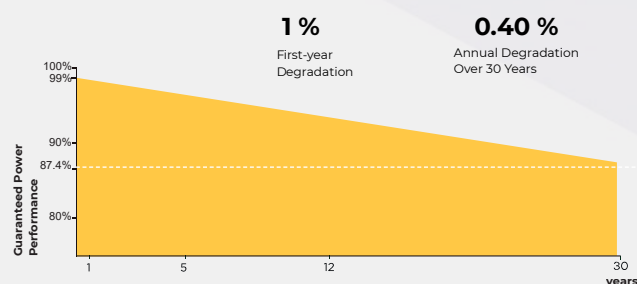
BE690-730T9-132(HC)BF

N-TYPE



- ✓ SMBB Technology.
- ✓ PID Resistance.
- ✓ Hot 2.0 Technology.
- ✓ Enhanced Mechanical Load.
- ✓ Durability Against Extreme Environmental Conditions.

LINEAR PERFORMANCE WARRANTY



CERTIFIED
IEC
61730 Ed.1

CERTIFIED
IEC
61215 Ed.2

✓ Anti-PID
System voltage durability
PPP 56042



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Calle Peña Santa 68, Polígono Industrial
Silvota, 33192, Llanera, Asturias



BE690-730T9-132(HC)BF

N-TYPE

TYPE	BE690T9-132(HC)BF		BE695T9-132(HC)BF		BE700T9-132(HC)BF		BE705T9-132(HC)BF		BE710T9-132(HC)BF		BE715T9-132(HC)BF		BE720T9-132(HC)BF		BE725T9-132(HC)BF		BE730T9-132(HC)BF	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Power Output	690	521	695	525	700	529	705	533	710	537	715	541	720	545	725	549	730	553
Voltage Open Circuit, Voc (V)	46.88	44.75	47.07	44.94	47.26	45.13	47.45	45.32	47.64	45.51	47.83	45.70	48.02	45.89	48.21	46.08	48.40	46.27
Short Circuit Current, Isc (A)	18.79	15.13	18.84	15.17	18.89	15.21	18.94	15.25	18.99	15.29	19.04	15.33	19.09	15.37	19.14	15.41	19.19	15.45
Max. Voltage, Vmpp (V)	38.94	36.56	39.13	36.74	39.33	36.94	39.52	37.14	39.71	37.33	39.90	37.53	40.09	37.72	40.28	37.91	40.47	38.10
Current, Imp (A)	17.72	14.25	17.76	14.29	17.80	14.32	17.84	14.35	17.88	14.38	17.92	14.42	17.96	14.45	18.00	14.48	18.04	14.51
Module Efficiency (%)	22.21		22.37		22.53		22.70		22.86		23.02		23.18		23.34		23.50	
Max. Power Tolerance (W)	0-5																	
Max. System Voltage (V)	1500DC (IEC)																	
Maximum Series Fuse Rating (A)	35A																	
Bifaciality	80±5%																	

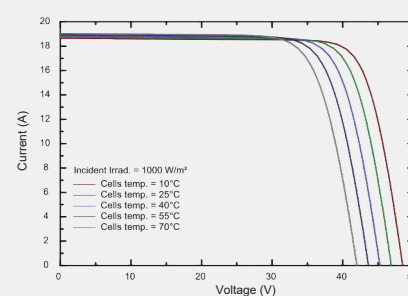
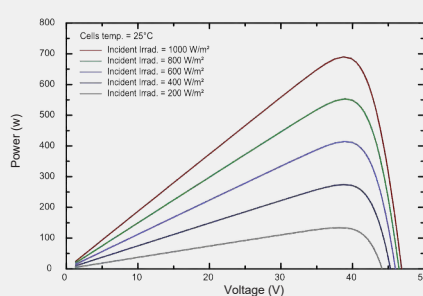
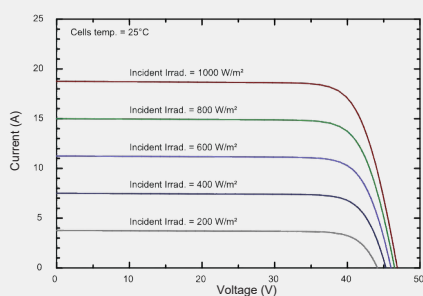
STC: Irradiance 1000 W/m², Cell Temperature 25°C, AM1.5 NOCT: Irradiance 800 W/m², Temperature 20°C, Wind Speed 1 m/s

Bifacial output-rearside power gain (690)

Power Gain	MaximumPower-Pmax(W)	OpenCircuitVoltage-Voc(V)	Short-CircuitCurrent-Isc(A)	Voltage at Pmax-Vmpp (V)	Current at Pmax-Imp (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

I- V Curves

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



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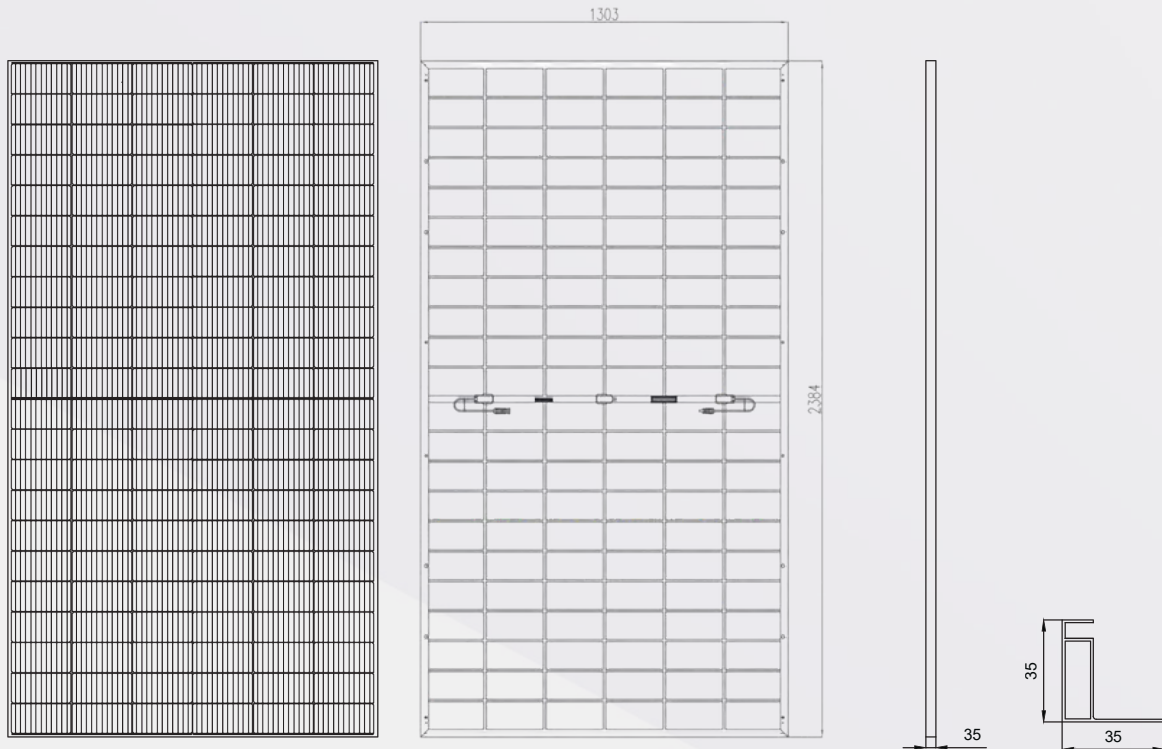
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Temperature Coefficient

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

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 ²
Packaging Configuration	31pcs/Pallet, 558pcs/40HQ Container



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