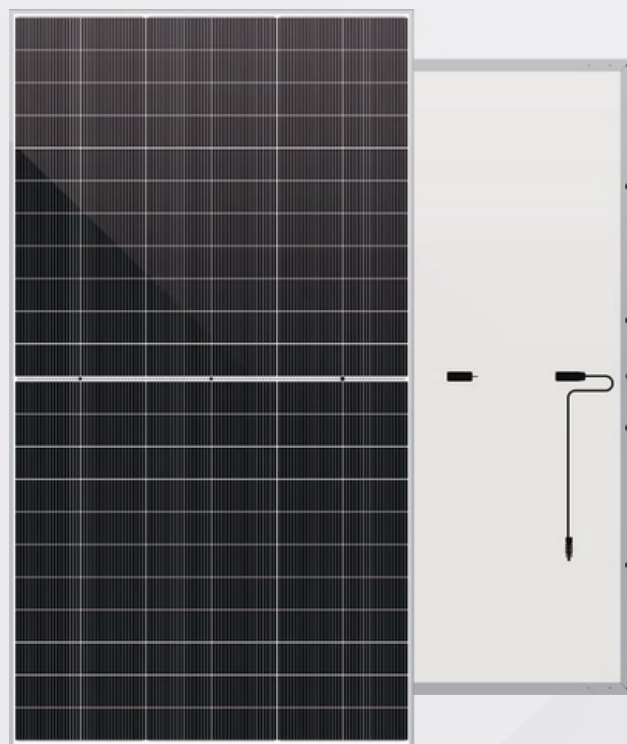


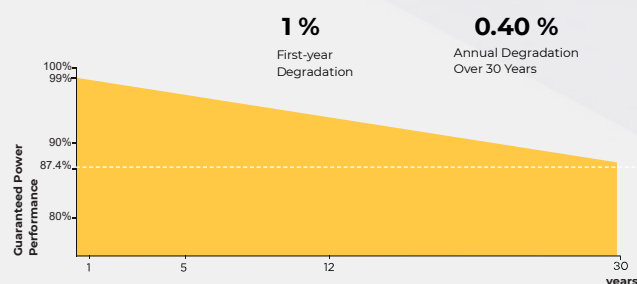
BE690-730T9-132(HC)

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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BE690-730T9-132(HC)

N-TYPE

TYPE	BE690T9-132(HC)		BE695T9-132(HC)		BE700T9-132(HC)		BE705T9-132(HC)		BE710T9-132(HC)		BE715T9-132(HC)		BE720T9-132(HC)		BE725T9-132(HC)		BE730T9-132(HC)	
	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, Vmmp (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, Impp (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)	1,500DC (IEC)																	
Maximum Series Fuse Rating (A)	35A																	

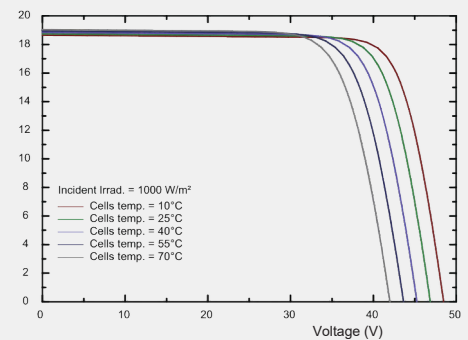
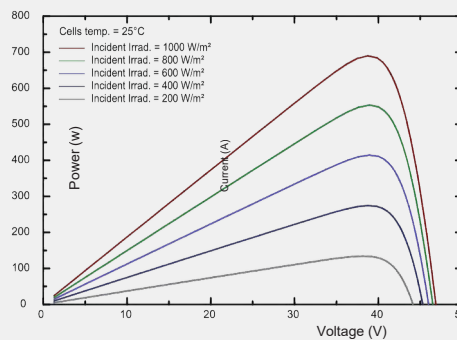
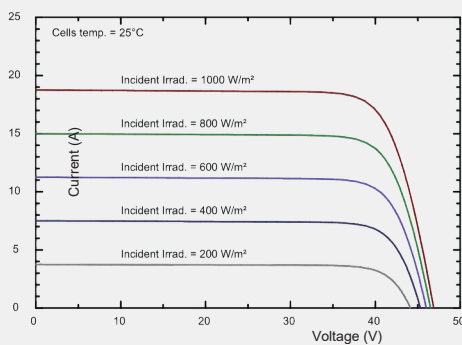
STC: Irradiance 1000 W/m², Cell Temperature 25°C, AM1.5 NOCT: Irradiance 800 W/m², Temperature 20°C, Wind Speed 1 m/s

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

I- V Curves

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



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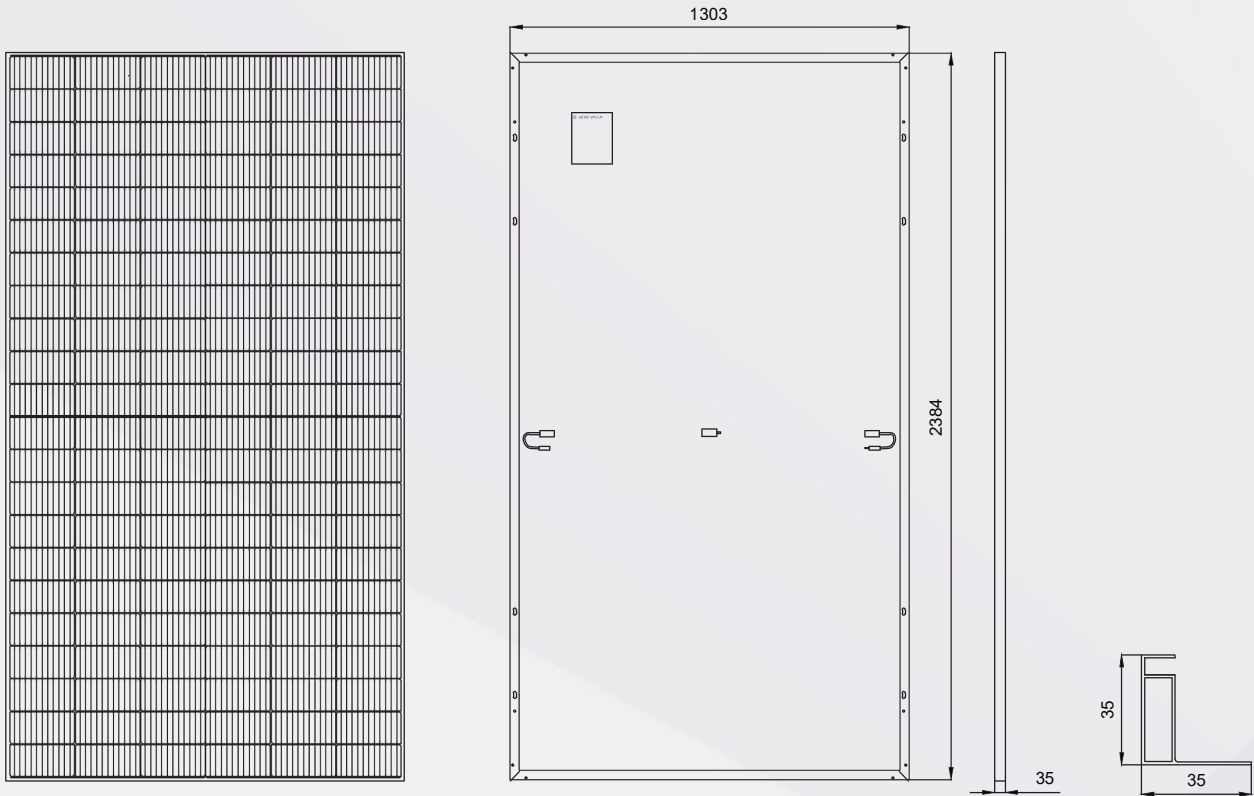
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BE690-730T9-132(HC)

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/ft2)
Maximum Static Load, Back	2400Pa (50lb/ft2)
Junction Box	IP68 (3 diodes)
Frame	Anodized aluminum alloy
Cable: TUV 1x4.0mm², (+)	200mm or Customized length



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