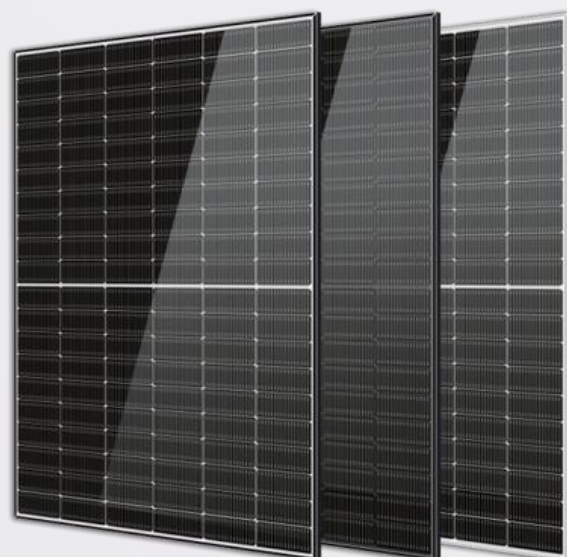


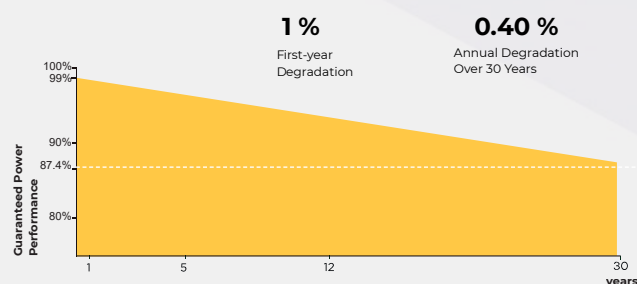


BE470-495T8-120(HC)BF

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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BE470-495T8-120(HC)BF

N-TYPE

TYPE	BE470T8-120 (HC)BF		BE475T8-120 (HC)BF		BE480T8-120 (HC)BF		BE485T8-120 (HC)BF		BE490T8-120 (HC)BF		BE495T8-120 (HC)BF	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Power Output	470	353	475	357	480	361	485	365	490	369	495	373
Max. Voltage, Vmpp (V)	35,05	32,94	35,21	33,10	35,38	33,27	35,54	33,44	35,70	33,61	35,86	33,78
Current, Imp (A)	13,41	10,73	13,49	10,79	13,57	10,85	13,65	10,91	13,73	10,97	13,80	11,04
Voltage Open Circuit, Voc (V)	42,38	40,25	42,54	40,41	42,71	40,57	42,88	40,73	43,05	40,89	43,22	41,05
Short Circuit Current, Isc (A)	14,15	11,42	14,23	11,49	14,31	11,55	14,39	11,61	14,47	11,67	14,55	11,73
Module Efficiency (%)	21,71		21,94		22,17		22,4		22,63		22,86	
Max. Power Tolerance (W)	0-5											
Max. System Voltage (V)	1.500VDC (IEC)											
Maximum Series Fuse Rating (A)	25A											

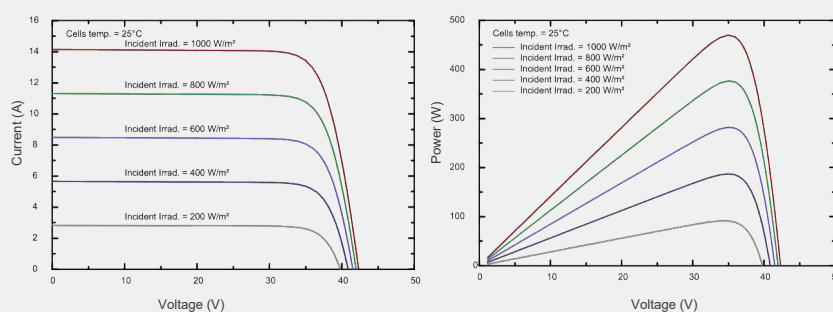
STC: Irradiance 1000 W/m², Cell Temperature 25°C, AM1.5 NOCT: Irradiance 800 W/m², Temperature 20°C, Wind Speed 1 m/s

Bifacial Output-Rearside power Gain(470)					
Power Gain	Power Gain	Voltage Mpp-Vmpp	Current Mpp-Imp	Voltage Open Circuit-Voc	Short Circuit Current-Isc
10%	517 Wp	35.05 V	14.75 A	42,38 V	15,56 V
15%	541 Wp	35.05 V	15,44 A	42,38 V	16,29 A
20%	564 Wp	35.05 V	16,09 A	42,38 V	16,97 A
25%	588 Wp	35.05 V	16,78 A	42,38 V	17,70 A
30%	611 Wp	35.05 V	17,44 A	42,38 V	18,40 A

I- V Curves

Cells Temperature: 25°C. Current-Voltage & Power Voltage Curve (470)

Temperature Coefficient	
Temp. Coefficient (Pmax)	-0.29%/°C
Temp. Coefficient (Isc)	0.045%/°C
Temp. Coefficient (Voc)	-0.25%/°C
Nominal Operating Cell Temp. (NOCT)	45°C (±2°C)
Operating Temperature	-40~+85°C
Refer. Bifacial Factor	80±5°C



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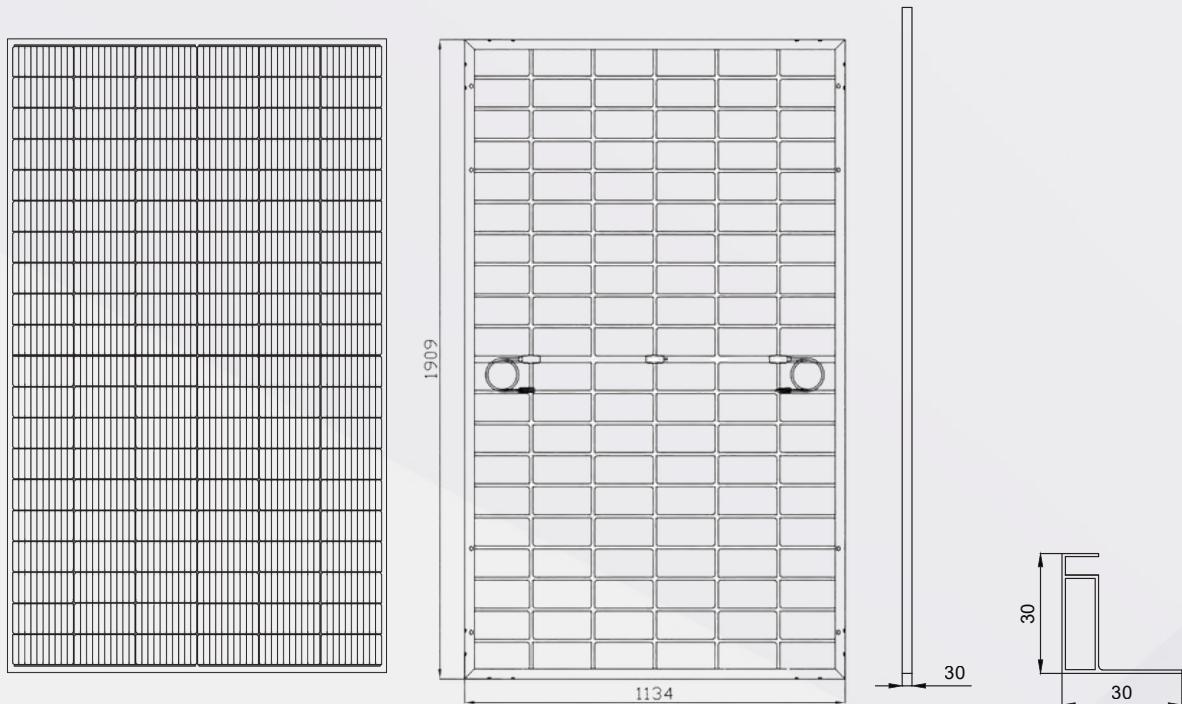
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BE470-495T8-120(HC)BF

N-TYPE



Mechanical specifications

Dimensions	1909*1134*30mm
N° of cells	120[2x(10x6)]
Cells	N type Mono-crystalline
Front glass	2.0mm, Anti-Reflection Coating
Back glass	2.0mm, Heat Strengthened Glass
Weight	27kg
Junction Box	IP68 (3 diodes)
Frame	Anodized aluminum alloy
Cable	4mm ²
Packaging Configuration	36pcs/Pallet, 864pcs/40HQ Container



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