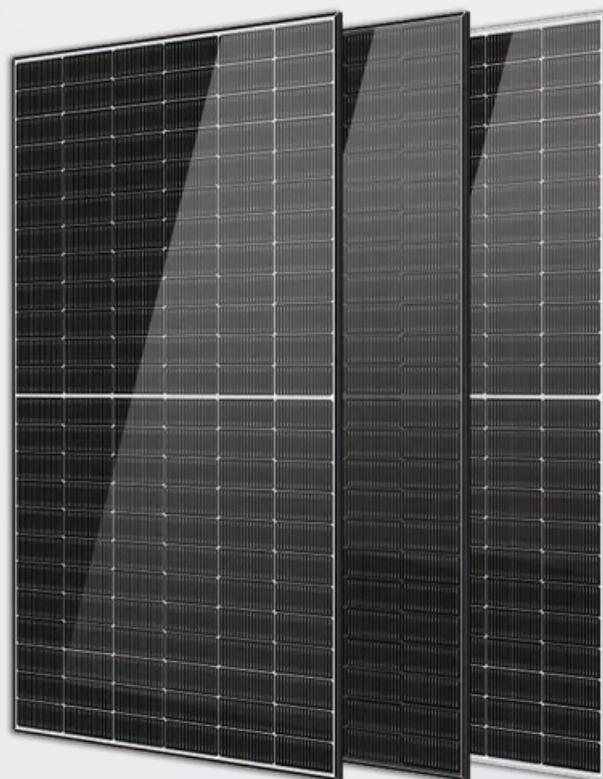


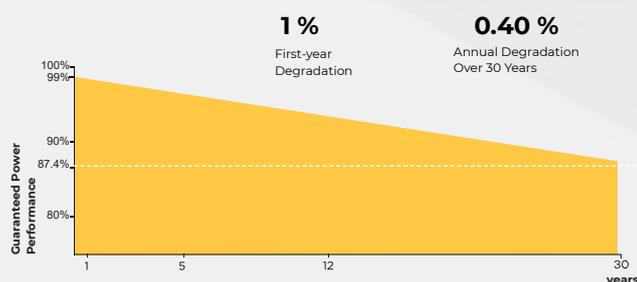
BE565-590T8-144(HC)

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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Silvota, 33192, Llanera, Asturias



BE565-590T8-144(HC)

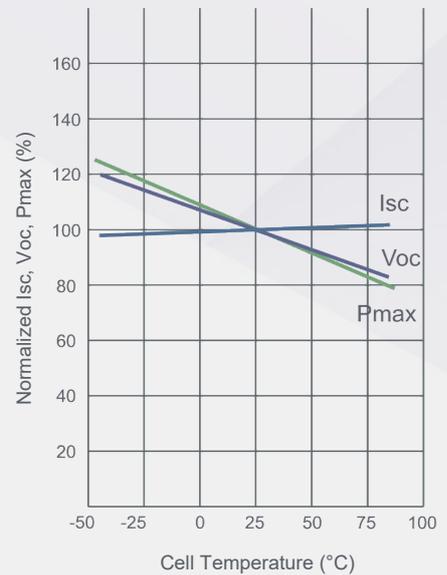
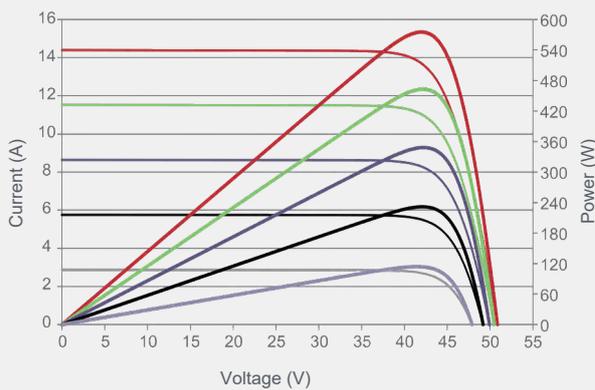
N-TYPE

TYPE	BE565T8-144 (HC)		BE570T8-144 (HC)		BE575T8-144 (HC)		BE580T8-144 (HC)		BE585T8-144 (HC)		BE590T8-144 (HC)	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power	565	425	570	429	575	432	580	436	585	440	590	444
Max. Voltage, Vmpp (V)	42.14	39.52	42.29	39.65	42.44	39.78	42.59	39.87	42.74	39.96	42.88	40.08
Current, Imp (A)	13.41	10.75	13.48	10.81	13.55	10.87	13.62	10.94	13.69	11.02	13.76	11.08
Voltage Open Circuit, Voc (V)	50.87	48.32	51.07	48.51	51.27	48.70	51.47	48.89	51.67	49.08	51.87	49.27
Short Circuit Current, Isc (A)	14.19	11.46	14.25	11.50	14.31	11.55	14.37	11.60	14.43	11.65	14.49	11.70
Module Efficiency (%)	21.87		22.07		22.26		22.45		22.63		22.84	
Max. Power Tolerance (W)	0-5											
Max. System Voltage (V)	1000/1500VDC (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

I- V Curves

Cells Temperature: 25°C. Current-Voltage & Power Voltage Curve (575)



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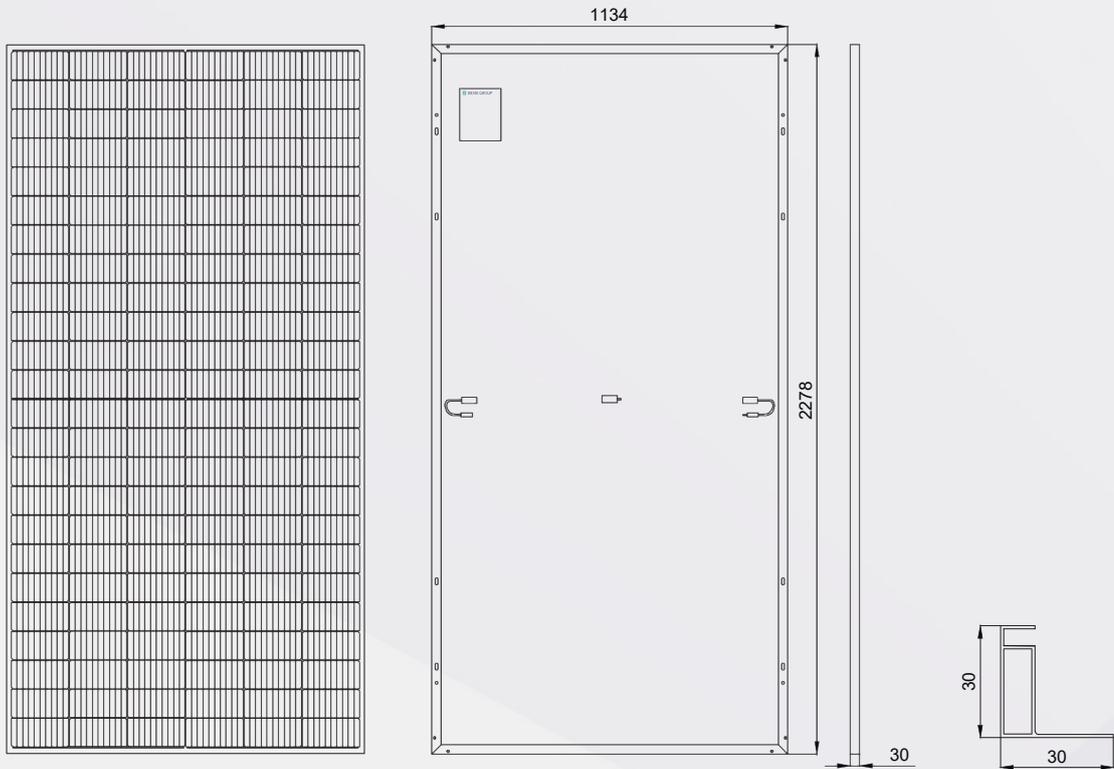
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Calle Peña Santa 68, Polígono Industrial Silvota, 33192, Llanera, Asturias

BE565-590T8-144(HC)

N-TYPE



Mechanical specifications

N° of cells	144 (6×24)
Dimensions	2278*1134*30mm
Connector	MC4 Compatible
Cells	N type Mono-crystalline
Front glass	3.2mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass
Packaging Configuration	36pcs/Pallet 720pcs/40HQ Container
Weight	28kg
Junction Box	IP68 Rated
Frame	Anodized aluminum alloy
Cable	4mm ²



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