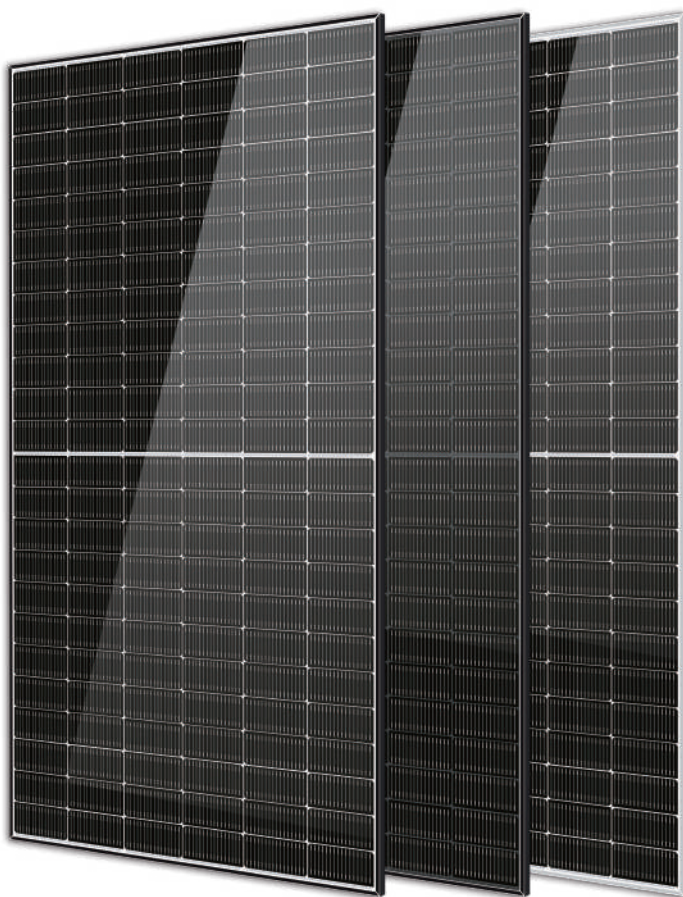
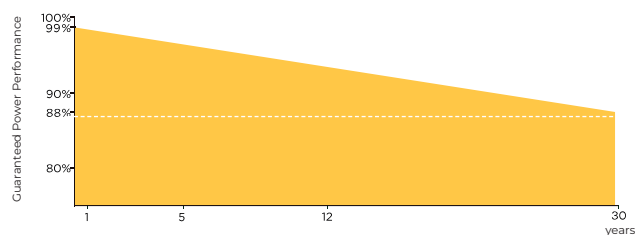


LINEAR PERFORMANCE WARRANTY



BE565-585T8-144(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.

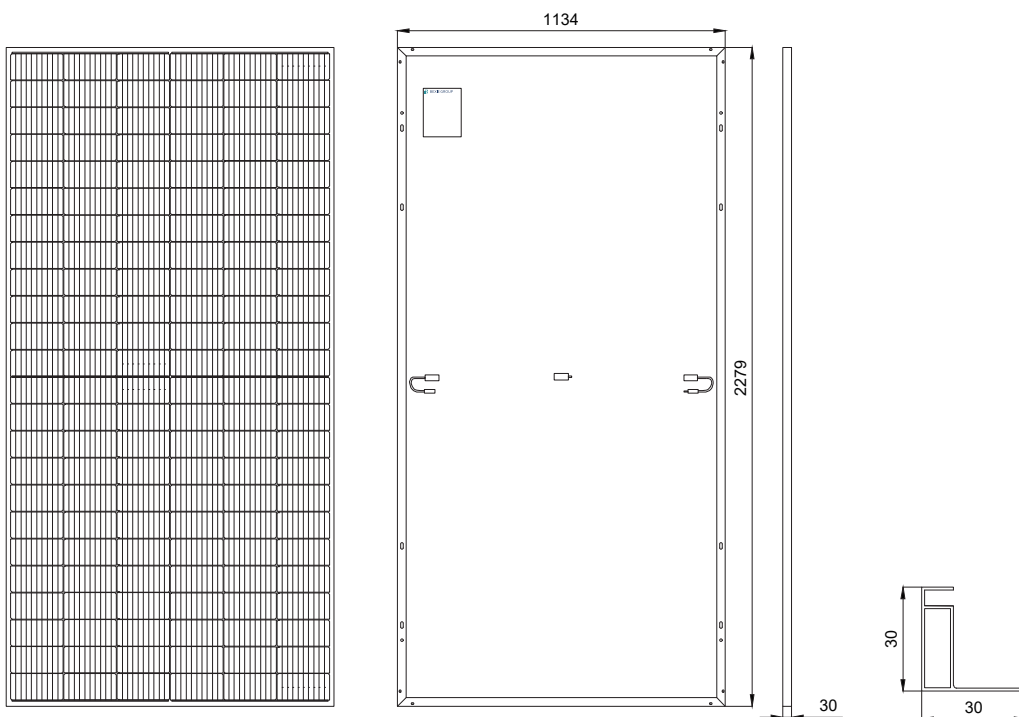


Enhanced Mechanical Load

Certified to with stand: wind load (2400 Pascal) and snow load (5400 Pascal).

BE565-585T8-144(HC)

N-TYPE



TYPE	BE565T8-144(HC)		BE570T8-144(HC)		BE575T8-144(HC)		BE580T8-144(HC)		BE585T8-144(HC)	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power	565	425	570	429	575	432	580	436	585	440
Max. Voltage, Vmpp (V)	41,92	39,38	42,07	39,51	42,22	39,6	42,37	39,69	42,52	39,81
Current, Impp (A)	13,48	10,79	13,55	10,85	13,62	10,92	13,69	10,99	13,76	11,05
Voltage Open Circuit, Voc (V)	50,6	48,06	50,74	48,2	50,88	48,33	51,02	48,46	51,16	48,5
Short Circuit Current, Isc (A)	14,23	11,49	14,31	11,55	14,39	11,32	14,47	11,68	14,55	11,75
Module Efficiency (%)	21,78		22,07		22,26		22,45		22,65	
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, AM 1.5 NOCT: Irradiance 800 W/m², Temperature 20°C, Wind Speed 1 m/s

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

I- V CURVES

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

