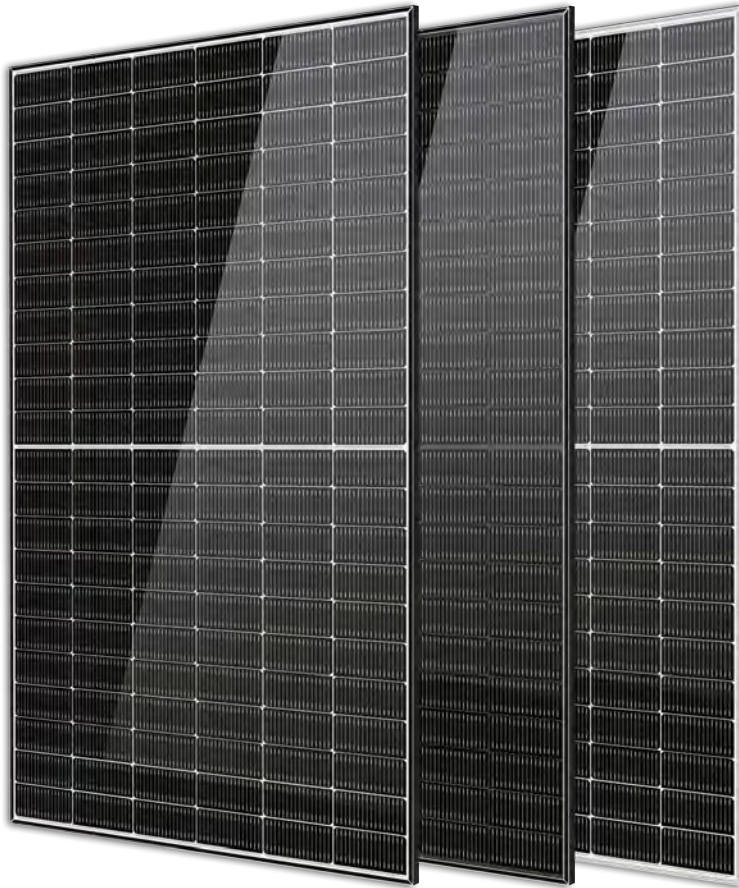
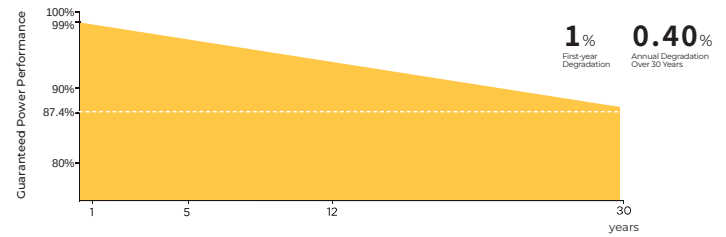


LINEAR PERFORMANCE WARRANTY



BE510-535T8-132(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.

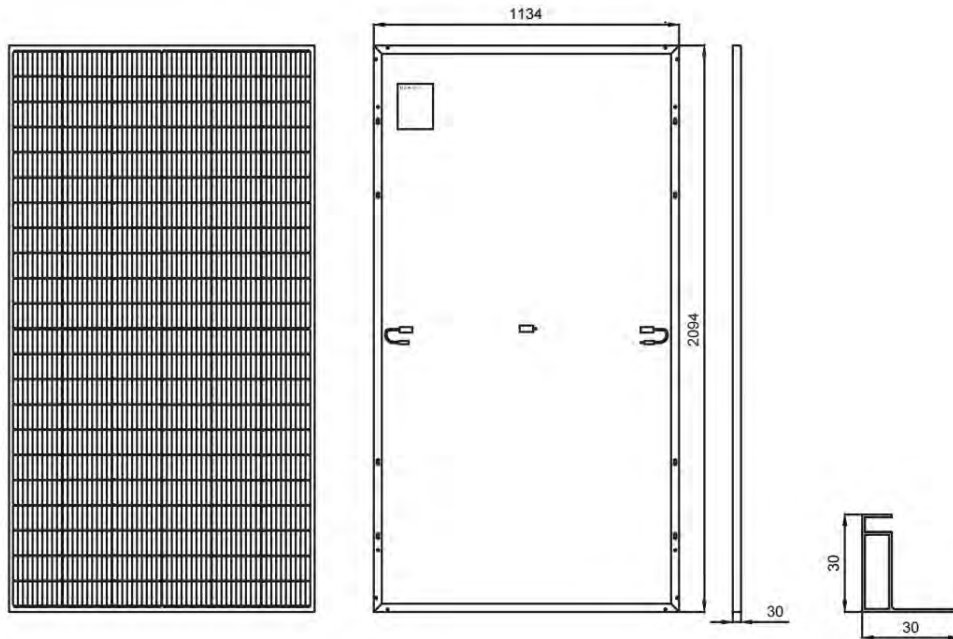


Enhanced Mechanical Load

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

BE510-535T8-132(HC)

N-TYPE



TYPE	BE510T8-132(HC)		BE515T8-132(HC)		BE520T8-132(HC)		BE525T8-132(HC)		BE530T8-132(HC)		BE535T8-132(HC)	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Power Output	510	388	515	392	520	395	525	399	530	403	535	408
Max. Voltage, Vmpp (V)	46,74	44,2	46,98	44,4	47,33	44,8	47,57	45	47,81	45,2	48,04	45,5
Short Circuit Current, Isc (A)	14,01	11,3	14,03	11,34	14,1	11,39	14,16	11,44	14,22	11,49	14,29	11,54
Max. Voltage, Vmpp (V)	39,44	36,5	39,64	36,7	39,84	36,9	40,04	37,1	40,24	37,3	40,44	37,6
Current, Impp (A)	12,94	10,63	12,99	10,68	13,05	10,71	13,11	10,76	13,17	10,81	13,23	10,86
Module Efficiency (%)	21,47		21,69		21,9		22,11		22,32		22,53	
Max. Power Tolerance (W)	0-5											
Max. System Voltage (V)	1.500Vdc (IEC/UL)											
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

MECHANICAL SPECIFICATIONS

Laminate Structure	Glass/POE/Cells/POE/Backsheet
Dimensions	2094*1134*30mm
Connector	MC4 Compatible
Cells	N-Type 16BB 182mm (2x66pcs)
Front glass	3.2mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass
Packaging Configuration	36pcs/Pallet; 792pcs/40HQ Container
Weight	26.9kg
Junction Box	IP68
Frame	Anodized aluminum alloy
Maximum Static Load, Front	5400Pa (112lb/ft²)
Maximum Static Load, Back	2400Pa (50lb/ft²)
Cable	4mm²

TEMPERATURE COEFFICIENTS

Temp. Coefficient (Pmax)	-0.29%/°C
Temp. Coefficient (Isc)	0.045%/°C
Temp. Coefficient (Voc)	-0.225%/°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 (535)

