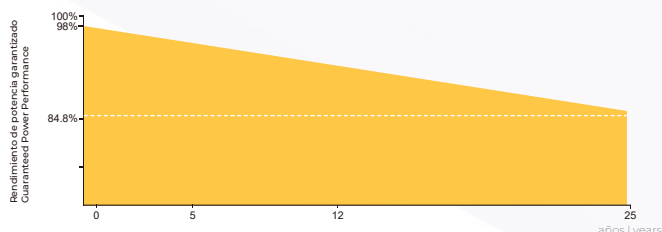


Monocrystalline 144-cell Module

BE Series 530-550W | 0-3% Positive Tolerance

GARANTÍA DE RENDIMIENTO LINEAL LINEAR PERFORMANCE WARRANTY



12Years Enhanced Product Warranty on Materials and Workmanship 25Years Linear Power Performance Warranty



High efficiency

PERC technology improves efficiency, increases power generation, and contributes to lower LCOE.



Lower heat spot Risk

Innovative circuit design and "HalfCell" structure decrease the temperature of heat spots and effectively reduce power loss.



Excellent low-light performance

Reliable performance in low-light conditions such as in the morning, at dusk or during raining days.



Resilient to extreme weather

Carefully selected materials ensure the module still works well under the condition of 2400Pa wind load and 5400Pa snow load.



PID resistant

High quality solar cell and advanced processing technology contribute to excellent PID resistance performance.



Bloomberg
NEW ENERGY FINANCE



Anti-PID
System voltage durability
PPP 56042



+34 985 194 232



www.bexieenergy.com



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

BE Series 530-550W

Product Specification

Cell Type	Mono crystalline
Cell Quantity	144 cell
Cell Size (mm)	182*91
Module Size (mm)	2279*1134*35
Module Weight (kg)	27
Glass Thickness (mm)	3.2
Frame Material	Anodized aluminum alloy
Junction Box	IP68
Cable/Connector	4mm ² ,MC4compatible
Cable Length	+300mm/-300mm;orCustomize
MaxSystem Volt (V)	1500V DC
Max Fuse Rate (A)	25
Power Tolerance	0-+3%

Product Specification

STC standard performance >>>						
Power Level	530	535	540	545	550	555
Pmax(W)	530	535	540	545	550	555
Vmp(V)	41.40	41.55	41.70	41.85	42.00	42.15
Imp(A)	12.81	12.88	12.95	13.03	13.10	13.17
Voc(V)	49.25	49.40	49.55	49.70	49.85	50.00
Isc(A)	13.73	13.79	13.85	13.91	13.97	14.02
Module Efficiency(%)	20.51	20.70	20.89	21.09	21.28	21.48
NOCT standard performance >>>						
Power Level	530	535	540	545	550	555
Pmax(W)	401	405	409	412	416	420
Vmp(V)	38.48	38.67	38.89	39.14	39.28	39.45
Imp(A)	10.42	10.47	10.52	10.53	10.59	10.65
Voc(V)	46.16	46.28	46.40	46.59	46.80	47.01
Isc(A)	11.05	11.09	11.13	11.17	11.21	11.25

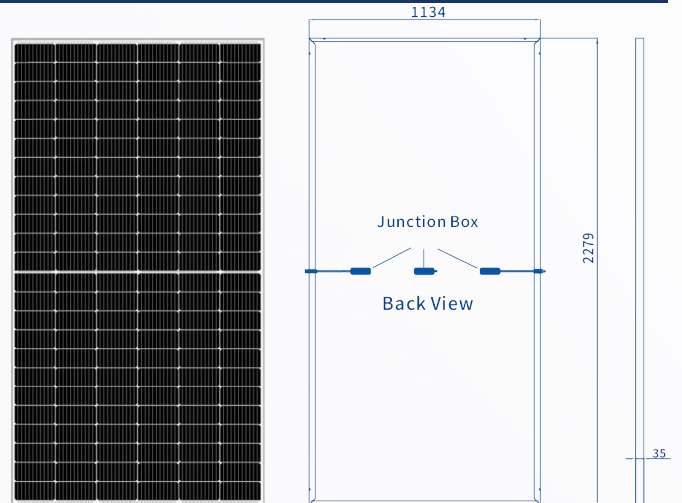
STC: Irradiance 1000W/m², Module Temperature 25°C, AM1.5

NOCT: Irradiance 800W/m², Ambient Temperature 20°C, Wind Speed 1m/s

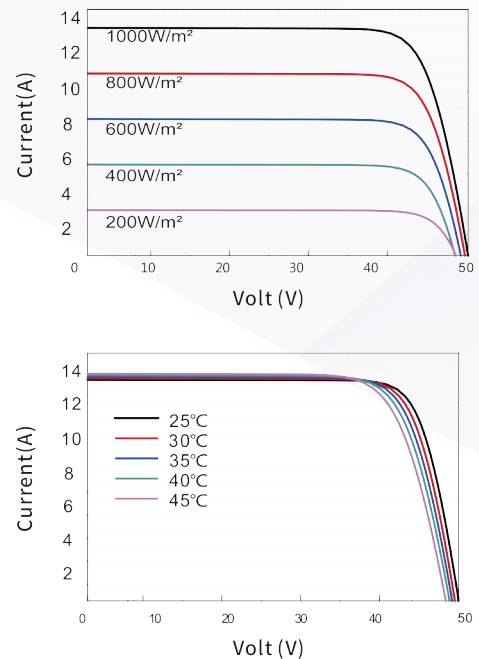
Temperature Characteristics

OperatingTemp(°C)	-40~85
OperatingHumidity(%)	5~85
Hail Load Tolerance	25mm hailstone with velocity of 23m/s
Temp Coefficient(%/°C)	-0.350
Temp Coefficient Isc (%/°C)	0.05
Temp Coefficient Voc (%/°C)	-0.275
OperatingTemp (°C)	44±2

Engineering Drawings



I-V Curve



Packaging Info

Pieces per Pallet	31
Size of Packaging(mm)	2305*1125*1270
Weight of per Pallet(kg)	862
Pieces per Container	620
Size of Container	40'HC