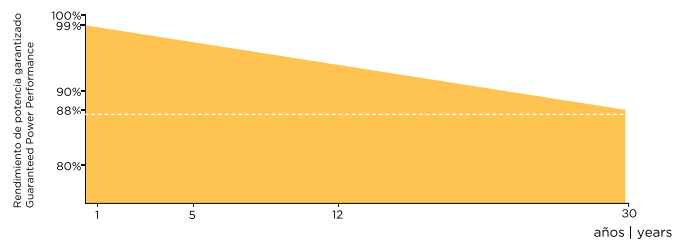


Exiom Solution diseña, fabrica y distribuye la más alta calidad en Energía Solar.

La alta eficiencia de nuestras células solares nos permite producir diferentes tipos de paneles para a su vez dar la mayor eficiencia posible a sus instalaciones.

Exiom Solution designs, manufactures and delivers high-performance solar electric technology worldwide. Our high-efficiency solar cell let us manufacture the different kinds of panels to get the most efficient in your installations.

GARANTÍA DE RENDIMIENTO LINEAL
LINEAR PERFORMANCE WARRANTY



15Years Enhanced Product Warranty on Materials and Workmanship
30Years Linear Power Performance Warranty



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.



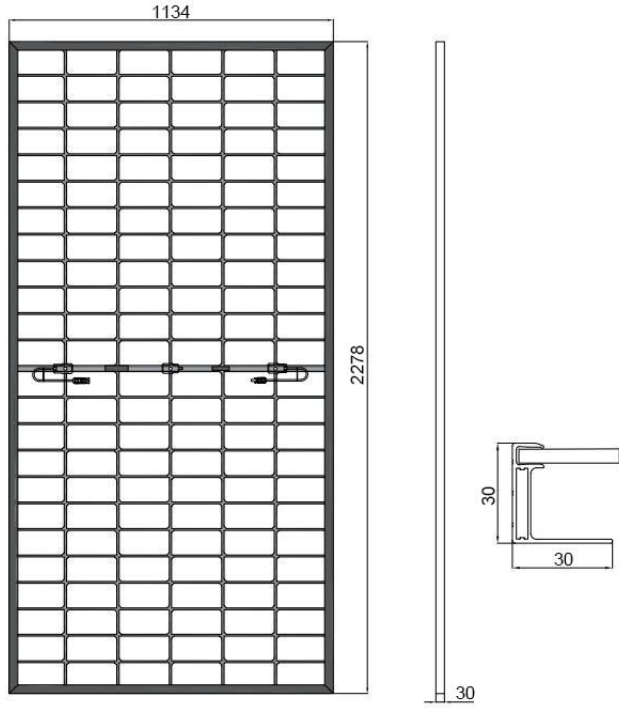
Enhanced Mechanical Load

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



Bloomberg
NEW ENERGY FINANCE





DATOS MECÁNICOS MECHANICAL SPECIFICATIONS

Dimensions: 2278*1134*30mm

Nº of cells: 144 (2x72)

Cells: N type Mono-crystalline

Front glass: 2.0mm, Anti-Reflection Coating

Back glass: 2.0mm, Heat Strengthened Glass

Weight: 32 kg

Junction Box: IP68 Rated

Frame: Anodized aluminum alloy

Cable: 4mm²

Packaging Configuration:

36pcs/Pallet
792pcs/40HQ Container

| TIPO TYPE | EX565TC-144HC-BF | | EX570TC-144HC-BF | | EX575TC-144HC-BF | | EX580TC-144HC-BF | | EX585TC-144HC-BF | |
|---|------------------|-------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|
| | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT |
| Potencia de salida Maximum Power | 565 | 425 | 570 | 429 | 575 | 432 | 580 | 436 | 585 | 440 |
| Voltaje máximo Max. voltage, VMP (V) | 42.14 | 39.52 | 42.29 | 39.65 | 42.44 | 39.78 | 42.59 | 39.87 | 42.74 | 39.96 |
| Intensidad máxima actual Current, IMP (A) | 13.41 | 10.75 | 13.48 | 10.81 | 13.55 | 10.87 | 13.62 | 10.94 | 13.69 | 11.02 |
| Voltaje circ. abierto 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 |
| Intensidad cortocircuito 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 |
| Modulo eficiencia Module Efficiency (%) | 21.87 | | 22.07 | | 22.26 | | 22.45 | | 22.63 | |
| Max. potencia tolerada Max. power tolerance (W) | 0~+3% | | | | | | | | | |
| Max. system Voltage (V) | 1500VDC (IEC) | | | | | | | | | |
| Maximum Series Fuse Rating (A) | 25A | | | | | | | | | |

STC 1000 WM2. Module Temperature 25°C A.M.1,5 | NOCT 800WM2 Environment. Temperature 20°C A.M. 1,5

| GANANCIA POTENCIA BIFACIALIDAD | BIFACIAL OUTPUT-REAR SIDE POWER GAIN | | | | | |
|--------------------------------|--------------------------------------|--------|--------|--------|--------|--------|
| 5% | Maximum Power (Pmax) | 588Wp | 593Wp | 599Wp | 604Wp | 609Wp |
| | Module Efficiency STC (%) | 22.76% | 22.97% | 23.17% | 23.37% | 23.57% |
| 10% | Maximum Power (Pmax) | 644Wp | 650Wp | 656Wp | 661Wp | 667Wp |
| | Module Efficiency STC (%) | 24.93% | 25.15% | 25.37% | 25.60% | 25.82% |
| 15% | Maximum Power (Pmax) | 700Wp | 706Wp | 713Wp | 719Wp | 725Wp |
| | Module Efficiency STC (%) | 27.10% | 27.34% | 27.58% | 27.82% | 28.07% |

| COEFICIENTES DE TEMPERATURA | TEMPERATURE COEFFICIENTS |
|---|--------------------------|
| Coefficiente de temp. Temp. Coefficient(PMAX) | -0.29%/°C |
| Coefficiente de temp. Temp. Coefficient(ISC) | 0.045%/°C |
| Coefficiente de temp. 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% |

I-V CURVAS CURVES

Temperatura celdas | Cells temperature: 25°C. Current-Voltage & Power Voltage Curve (570)

