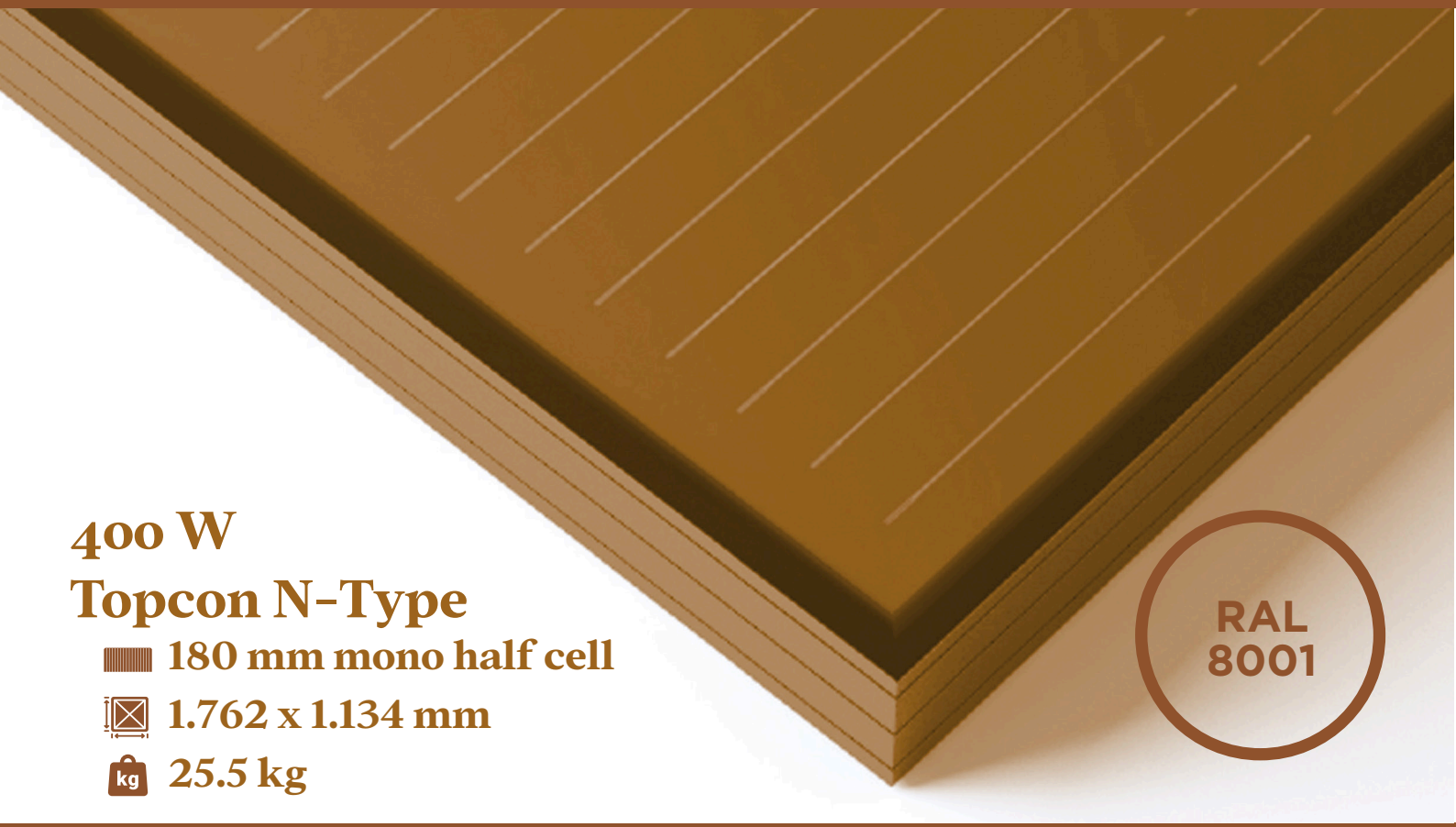
EX400M(T)-114(HC)(182)BF



400 W
Topcon N-Type

- 180 mm mono half cell
- 1.762 x 1.134 mm
- 25.5 kg

RAL 8001

SMBB Technology
Better light trapping and current coleec-tion 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 Envionmental Conditions
High salt mist and ammonia resistance.

Hot 2.0 Technology
The N-Type module with hot 2.0 technology has better reability and lower LID/LETID.

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

Warranty | Garantía

25 Years | Años
Product
Producto

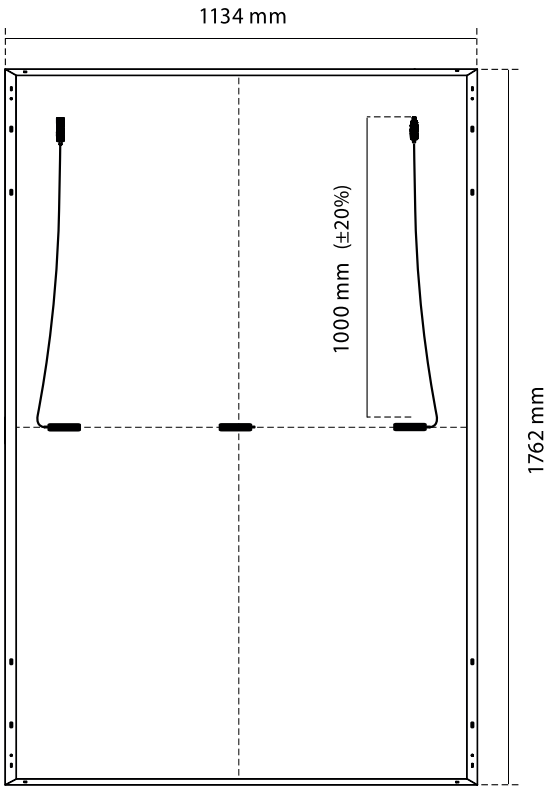
30 Years | Años
Linear power
Rendimiento lineal

1 TIER Bloomberg NEW ENERGY FINANCE

CERTIFIED IEC 61730 Ed.1
CERTIFIED IEC 61215 Ed.2
Anti-PID System voltage durability PPP 56042

HEAD OFFICE: C/ SAN FRANCISCO, 5 – 5. 33003. OVIEDO
PHONE: +34 984 033 709 WWW.EXIOMSOLUTION.COM

EX400M(T)-114(HC)(182)BF



DATOS MECÁNICOS MECHANICAL SPECIFICATIONS

- Solar cells: N-Type bifacial monocrystalline silicon cells
- Front Glass: 2 mm anti-reflective surface tempered solar glass
- Back Glass: 2 mm tempered uncolored solar glass
- Frame: Terracotta anodized aluminium
- Junction Box: IP68, 3 by-pass diodes
- Connector: Original MC4-Evo 2
- Cable: 1000 mm (±20%) length and 4 mm² section
- Dimension: 1762 x 1134 x 30 mm (±1%)
- Area: 2.00 m²
- Weight: 25.5 kg

PARÁMETROS OPERATIVOS OPERATING PARAMETERS

- Maximum voltage: 1500 V
- Maximum series fuse rating. Ir: 25 A
- Power output tolerance: 0 -+3%
- Voc and Isc tolerance ±3%
- Fire rating: Class C (UL 790)
- Protection class: Class II (IEC 61140)
- Mechanical loads: Front load 5400 Pa, Back load 2400 Pa

ELECTRICAL DATA

	STC	NOCT
Potencia de salida | Power output	400Wp	302Wp
Voltaje circ. abierto | Voltage open circuit, Voc (V)	35.24	33.28
Intensidad cortocircuito | Short circuit current, Isc (A)	14.34	11.63
Voltaje máximo | Max. voltage, Vmpp (V)	29.00	27.06
Intensidad máxima actual | Current, Impp (A)	13.80	11.16
Modulo eficiencia | Moducle Efficiency (%)	20.02	

* STC: 1000 W/m2, module temperature 25°C, AM 1.5 | * NOCT: 800 W/m2, ambient temperature 20°C, AM 1.5

ELECTRICAL DATA	BIFACIAL GAIN 10%
Module power, Pmax (W)	440
Open circuit voltage, Voc (V)	35.24
Short circuit current, Isc (A)	15.77
Maximum power voltage, Vmpp (V)	29.00
Maximum power current, Impp (A)	15.17

COEFICIENTES DE TEMPERATURA TEMPERATURE COEFFICIENTS

Coeficiente de temp. | Temp. Coefficient, Pmax	-0.29%/°C
Coeficiente de temp. | Temp. Coefficient, Isc	0.05%/°C
Coeficiente de temp. | Temp. Coefficient, Voc	-0.28%/°C
Operating temperature	-40 °C ~ +85 °C
NOCT	45 ± 2 °C