

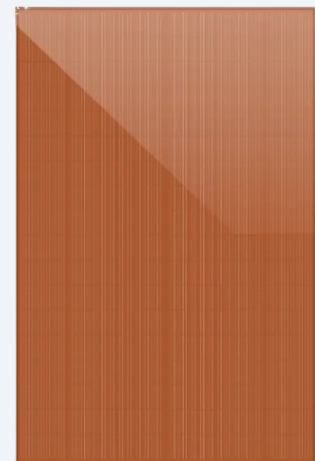
TECHNICAL DATASHEET

EX415TC(B)-108(HC)(182)BF

N-TYPE CELL TECHNOLOGY

// RESIDENTIAL USE // COMMERCIAL USE // UTILITY SCALE

High-performance N-Type solar module with a terracotta-colored glass design, combining premium aesthetics, excellent low-light performance, and long-term durability for BIPV façades and red/orange roof applications.



- ✓ Orange-colored glass and frame.
- ✓ PV facade with innovative compositions.
- ✓ Anti PID.
- ✓ 100% Inspection guarantee reliability.
- ✓ Excellent low-light performance.
- ✓ Strengthened mechanical load.

FEATURES



HIGH EFFICIENCY CELLS



LOW TEMPERATURE COEFFICIENT



WEATHER RESISTANT



SUSTAINABLE ENERGY



+34 985 194 232

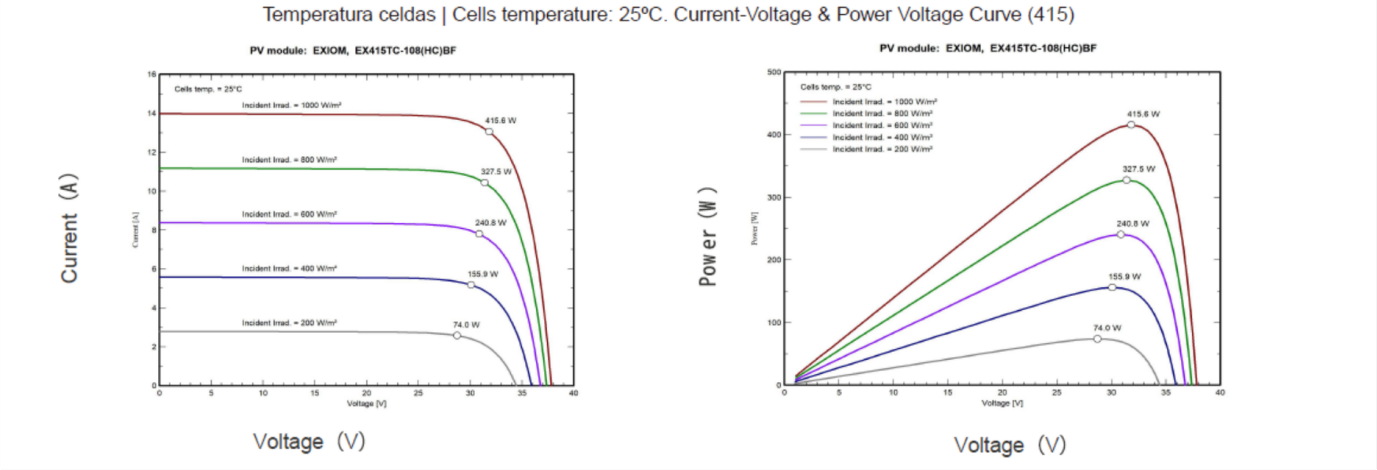
www.bexieenergy.comCalle Peña Santa 68, Polígono
Industrial Silvota, 33192, Llanera, Asturias

MODEL	EX415TC(B)-108(HC)(182)BF
TECHNICAL DATASHEET	
Power output	415
Voltage open circuit, VOC (V)	37.83
Short circuit current, ISC (A)	13.97
Max. voltage, VMP (V)	31.44
Current, IMP (A)	13.20
Module Efficiency (%)	19.9
Max. power tolerance (W)	(0, +4.99)
Max. system Voltage (V)	1.500Vdc (IEC/UL)
Maximum Series Fuse Rating (A)	25A
TEMPERATURE COEFFICIENT	
Temp. Coefficient (P _{MAX})	-0.290%/°C
Temp. Coefficient (ISC)	0.045%/°C
Temp. Coefficient (VOC)	-0.275%/°C
Operating temperature	-40~+85°C
NOCT	45±2°C
MECHANICAL SPECIFICATIONS	
Dimensions	1722 × 1134 × 30 mm
Cells	Monocrystalline 182 mm (2 × 54 pcs)
Frame	Anodized aluminum alloy
Connector	MC4 compatible / EV02
Cable	4.0 mm², 1200 mm (+), 1200 mm (-)
Weight	23.5 kg
Mechanical load	Front Side Max. 5400 Pa, Rear Side Max. 2400 Pa
Junction Box	IP68
Front/Back Glass	2.0 mm + 2.0 mm semi-tempered glass
Packaging Configuration	36 pcs/Pallet; 936 pcs/40HQ Container

NOTES

STC 1000 W/M2. Module Temperature 25°C A.M.1,5 | NOCT 800W/M2 Environment. Temperature 20°C A.M. 1,5

Temperatura celdas | Cells temperature: 25°C. Current-Voltage & Power Voltage Curve (415)



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