

X-TILE

X10-XT50 - 180Wp/m²



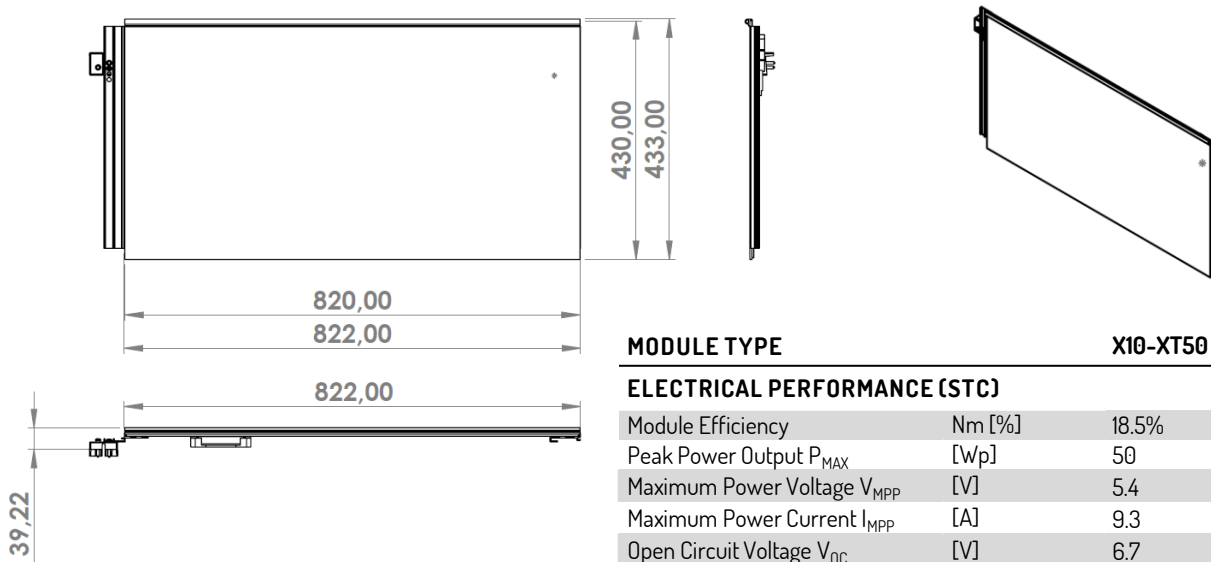
A complete water tight roof system
Includes mounting system and fitting panels
Black, or other colours



SUPERIOR SOLAR PANELS | PRODUCED & INVENTED IN THE NETHERLANDS

X-TILE BIPV SYSTEM (10 cells)

PRODUCED & INVENTED IN THE NETHERLANDS



MODULE TYPE

X10-XT50

ELECTRICAL PERFORMANCE (STC)

Module Efficiency	Nm [%]	18.5%
Peak Power Output P_{MAX}	[Wp]	50
Maximum Power Voltage V_{MPP}	[V]	5.4
Maximum Power Current I_{MPP}	[A]	9.3
Open Circuit Voltage V_{OC}	[V]	6.7
Short Circuit Current I_{SC}	[A]	9.9

STC: Irradiance at 1000 W/m²; Cell temp. 25° C AM 1.5 spectrum according to EN 60904-3

ELECTRICAL PERFORMANCE (NOCT)

Maximum Power P_{MAX}	[Wp]	37.1
Maximum Power Voltage V_{MPP}	[V]	4.6
Maximum Power Current I_{MPP}	[A]	8.0

NOCT: Irradiance at 800 W/m²; Ambient Temp. 20° C, Wind speed 1 m/s

COMPONENTS & DIMENSIONS

Cell Type	PERC - Monocrystalline Silicon - Metal Wrap Through
Module	BIPV Glass-Glass
Dimensions	mm 820 x 430 (820 x 330-350 Active Area)
Thickness	mm 7.5 ± 0.2
Weight	kg 6.6
Mounting	BIPV Mounting System
Frontside Glass	3.2 Hardened Ultraclear Glass (EN1863) AR Coated & Structured
Backside Glass	3.2 mm Hardened Glass
Diodes	1
Connector	MC 4

OPERATING CONDITIONS

Max. Static Load Front	Snow	5400 Pa
Max. Static Load Back	Wind	2400 Pa
Max. Hail Stone Impact	mm at m/s	75 mm at 39.5 m/s
Temp. Coefficient Power	P_{MAX}	-0.375 %/K
Temp. Coefficient Voltage	V_{OC}	-0.294 %/K
Temp. Coefficient Current	I_{SC}	+0.041 %/K
Operating Temperature Range	°C	-40 to 125
Max System Voltage	V DC	1000
Max Series Fuse Rating	A	12

CERTIFICATIONS

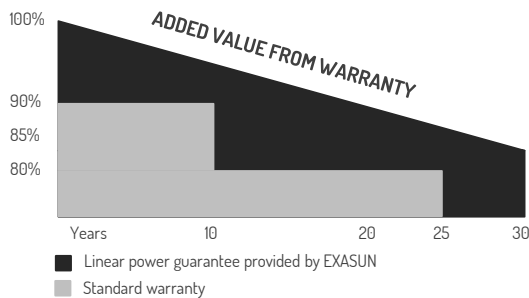
Certification ongoing
IEC 61215 and IEC61730-1, -2

EXASUN endeavors to provide you with the correct specifications. This data sheet complies with the requirements of NEN EN 50380. Specifications are subject to change without prior notice.
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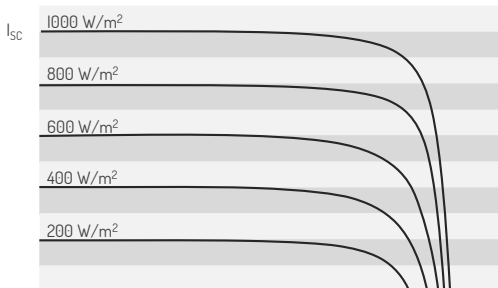
WARRANTIES

30 yr Product Workmanship Warranty

30 yr Linear Power Warranty



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