

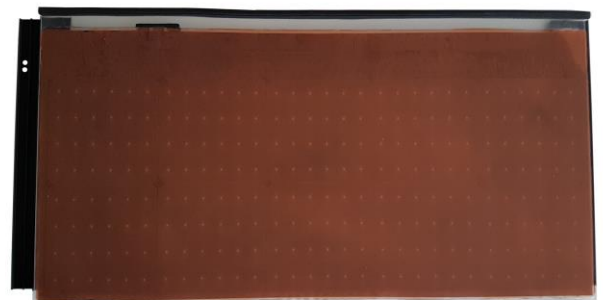
## X-TILE

X10-XT50 - 180Wp/m<sup>2</sup>

A complete water tight roof system including mounting system. In black, or terracotta



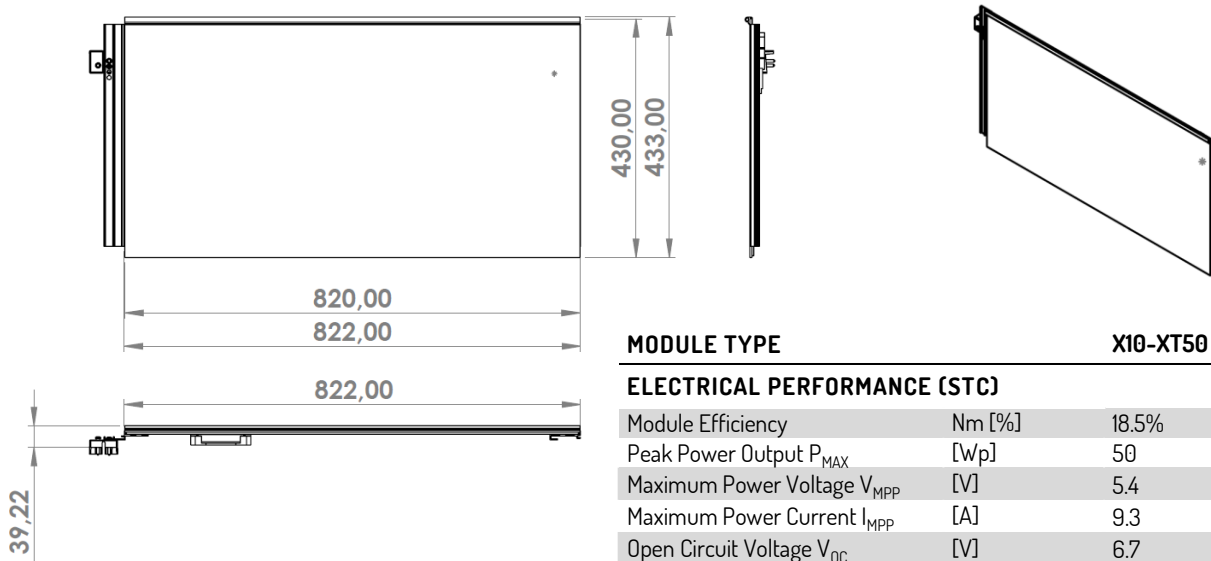
X-TILE BLACK 50WP



X-TILE TERRACOTTA 40WP

# X-TILE BIPV SYSTEM (10 cells)

PRODUCED & INVENTED IN THE NETHERLANDS



## MODULE TYPE

**X10-XT50**

### ELECTRICAL PERFORMANCE (STC)

Parameter	Unit	Value 1	Value 2
Module Efficiency	Nm [%]	18.5%	14.8%
Peak Power Output $P_{MAX}$	[Wp]	50	40
Maximum Power Voltage $V_{MPP}$	[V]	5.4	5.0
Maximum Power Current $I_{MPP}$	[A]	9.3	8.0
Open Circuit Voltage $V_{OC}$	[V]	6.7	6.6
/Short Circuit Current $I_{SC}$	[A]	9.9	8.3

STC: Irradiance at 1000 W/m<sup>2</sup>; Cell temp. 25°C AM 1.5 spectrum according to EN 60904-3

### ELECTRICAL PERFORMANCE (NOCT)

Parameter	Unit	Value 1	Value 2
Maximum Power $P_{MAX}$	[Wp]	37.1	29.6
Maximum Power Voltage $V_{MPP}$	[V]	4.6	4.3
Maximum Power Current $I_{MPP}$	[A]	8.0	6.9

NOCT: Irradiance at 800 W/m<sup>2</sup>; 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

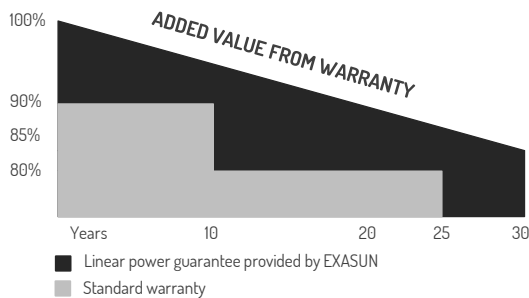
Certification ongoing  
IEC 61215 and IEC61730 -1, -2

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



### IV CURVE



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