

EXASUN

X-Tile



Technical datasheet Exasun X-Tile Terracotta XT028H-060TC-E

Power

121-127 Wp/m²

Exasun X-Tiles are seamlessly combined with the Wienerberger Actua 10 ceramic roof tiles in the similar color. This results in a very calm roof image. Suitable for new construction, renovation and prefabricated roofs for individual houses and serial housing projects. For an aesthetic, durable roof with an unambiguous and clean appearance.

- Glass-glass panels with high-tech cell technology
- To be combined with Wienerberger Actua 10 roof tiles
- Vibrant terracotta color
- Quick and easy installation
- 30-year warranty



Exasun X-Tile

Model	XT028H-060TC-E
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ELECTRICAL RATINGS *

Module efficiency (excl. overlap) (η)	[%]	12.1-12.7
Rated Power Output (P_{MAX}) ($\pm 6\%$)	[Wp]	60
Maximum Power Point Voltage (V_{MPP})	[V]	16.3
Maximum Power Point Current (I_{MPP})	[A]	3.6
Open Circuit Voltage (V_{OC}) ($\pm 1\%$)	[V]	19.4
Short Circuit Current (I_{SC}) ($\pm 2\%$)	[A]	4.0

*Values at STC: Irradiance at 1000 W/m²; Cell Temp. (25 \pm 2)°C and AM 1.5 acc. to EN 60904-3.

Electrical ratings at NMOT (nominal module operating temperature)

Nominal module operating temperature [°C]	32.8
Nominal module power [W]	45

Components and dimensions

Cell type	[-]	M6 half cell; P-type monocrystalline Si
Module	[-]	BIPV glass/glass
Size	[mm]	1347 x 430 full module 1310 cover width 360-380 batten distance
Thickness	[mm]	7.5 \pm 1
Weight	[kg]	11.4
Mounting	[-]	EXASUN mounting for X-Tile on battens
Front glass	[-]	3.2 [mm] tempered
Back glass	[-]	3.2 [mm] tempered glass (black coated inside)
Diodes	[-]	1
Connectors		Stäubli MC4

Operating conditions

Max. static load front	[Pa]	5400 (1.5 x 3600)
Max. static load rear	[Pa]	2400 (1.5 x 1600)
Max. Hailstone Impact	[mm]	55 (at 33.9 m/s)
P_{MAX} Temperature coefficient (γ)	[%/°C]	-0.320
V_{OC} Temperature coefficient (β)	[%/°C]	-0.251
I_{SC} Temperature coefficient (α)	[%/°C]	+0.048
Operating Temperature Range	[°C]	-40 tot +85
Max. DC system voltage (V_{sys})	[V]	1000
Max. Overcurrent protection rating	[A]	15

WARRANTY

Product Warranty	30 Years
Power Output Warranty	30 Years
Annual Degradation over 30 years	0.45%



Certification

In accordance with: IEC 61215-1:2016; IEC 61215-2:2016; IEC 61730-1:2016 and IEC 61730-2:2016. Exasun strives to provide you with the correct specifications. This datasheet is in accordance with the requirements of NEN EN 50380. Specifications are subject to change without notification.

