

Jacobi-Walther Stylist-PV. Solar roof tiles powered by Autarq.

Designed, manufactured and refined in Germany.

All benefits at a glance.



Flexible

Solar roof tiles are suitable even for complex roof surfaces



Durable

Just as reliable as the manufacturer's original roof tiles



Weatherproof

Tile impermeability and water drainage remain intact



High quality

Same materials as used in conventional solar modules



Plug-and-play installation

Even without prior electrical knowledge



Traditional workflow

Solar tiles and regular tiles are installed at the same time



Fully intact roof

Perfectly ventilated, without drilling or screws



High safety and fire protection

Through safe low voltage range



Service-friendly

No electronics on the roof, tiles can be replaced at any time

Colours



edelspacegrau fine engobe



red brown engobe
Available soon

Set yourself free. Request a non-binding offer.



autarq.com

Technical Data

Electrical Data (STC)	TJWST 1000 edelspacegrau fine engobe	Preliminary data for TJWST 800 Available soon: red brown engobe
Nominal output power P_{MPP}	10 W	8 W
Nominal voltage U_{MPP}	41 V	41 V
Nominal current I_{MPP}	0.245 A	0.195 A
Open circuit voltage U_{OC}	49 V	49 V
Short-circuit current I_{SC}	0.255 A	0.205 A
Temperature coefficient	-0.40 %/K	-0.40 %/K

Electrical data are average values (+/- 5 %), measured under standard test conditions (STC): 1000 W/m², 25 °C, AM 1.5 (Reference measurement by Fraunhofer ISE Freiburg, Germany)

Material Data	
Dimensions	270 x 420 mm
Solar module size	210 x 340 mm
Mechanical strength	5400 Pa, hail- and snowproof, walkable
Tile material	Clay
Front glass	3.2 mm toughened structured solar glass
Solar cells	Monocrystalline silicon solar cells
Composite materials	EVA, polyolefins, silicone
Connector	Proprietary plug system, UV-resistant
Connection cable	2 x 0.75 mm ² solar cable in compliance with EN50618 H1Z2Z2-K
Operating temperature	-40 bis +85 °C

Solar Roof Tiles and Roof	
Covering capacity	12,2–12,5 tiles/m ²
Recommended batten size	40 x 60 mm
Cover length Exact batten spacing is mandatory	350 mm
Cover width	231 mm
Weight	4.7 kg
Roof pitch	Roof pitch according to Central Association of the German Roofing Trade: up to 13° with appropriate additional measures
Recommended roofing	Off-centre
Colours	edelspacegrau fine engobe; available soon: red brown engobe
Tiles per package	4 pack

For further data on the WALTHER Stylist® tile and installation details, please refer to the original data sheets and installation manual by Jacobi-Walther on www.dachziegel.de

Guarantee and Certification	
Product warranty	5 years
Performance guarantee	25 years, 80 % electrical power output
Applicable standards	IEC 61215, IEC 61730
Hail resistance class	5 (extra hailproof)
Fire safety	Extra low voltage in compliance with VDE 0100-712
Fire resistance classification in compliance with EN 13501-5	B _{ROOF} (t1) – hard roof, not flammable

In partnership with:



Dachziegel. Der gute Ton verbindet.

Autarq GmbH, Brüssower Allee 87, 17291 Prenzlau, Germany
Jacobi Tonwerke GmbH, Osteroder Str. 2, 37434 Bilshausen, Germany

www.dachziegel.de / www.autarq.com



Version 3/2022. Technical changes and errors may occur.