

CREATON PV-AUTARQ. Solar roof tiles powered by Autarq.

Designed, manufactured and refined in Europe.

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



FINESSE black glaze

Product-ID Autarq = 1000033
Product-ID CREATON = 4088451



NUANCE black engobe

Product-ID Autarq = 1000035
Product-ID CREATON = 4088452



NUANCE copper red engobe

Product-ID Autarq = 1000034
Product-ID CREATON = 4088453

Set yourself free. Request a non-binding offer.



autarq.com

Technical Data

| Electrical Data (STC) | CREATON PV-AUTARQ FINESSE black glaze & NUANCE black engobe | CREATON PV-AUTARQ NUANCE copper red 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 | 257 x 437 mm |
| Solar module size | 330 x 210 mm |
| Mechanical strength | 5400 Pa, hail- and snowproof, walkable |
| Tile material | Clay |
| Front glass | 3.2 mm toughened structured solar glass (ESG) |
| 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 tiles/m ² |
| Recommended batten size | 40 x 60 mm |
| Cover length Exact batten spacing is mandatory | 352 +/- 2 mm |
| Cover width | 224–226 mm |
| Weight | 4.9 kg |
| Roof pitch | 15–80° |
| Recommended roofing | Off-centre |
| Colours | FINESSE black glaze, NUANCE black engobe, NUANCE copper red engobe |
| Tiles per package | Packs of four |

For further data on the CREATON PV-AUTARQ tile and installation details, please refer to the original data sheets and installation manual by CREATON.

| Guarantee and Certification | |
|--|---|
| Product warranty | 5 years |
| Performance guarantee | 25 years, 80 % electrical power output |
| Applicable standards | IEC 61215, IEC 61730 |
| Hail resistance class | 3 |
| 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:



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www.creaton.de / www.creaton.at / www.creaton.ch / www.autarq.com

Version 2/2024. Technical changes and errors may occur.

