SOLARTAG

Integrated solarroofs with esthetics

Solartag is a danish developed roof with invisible integrated solar cells. The active roof produces electricity where it is consumed and is self financed as opposed to a conventional roof, that is written off. The silky matte gloss 7 surface is without glare, maintenance free and provides a stylish impression.

Solartag T-ROOF roof shingles

Size (covered)
37,5 - 39,5 x 116 cm

Effect
71 Wp

Material
Shingle roof made in tempered glass

Integration
Invisible solar cells

Strength
Very high breaking strength

Design
T-ROOF

Warrenty (roof)
40 years product warranty

Warrenty (solarcells)
25 years performance warrenty

T-ROOF

Positive footprint
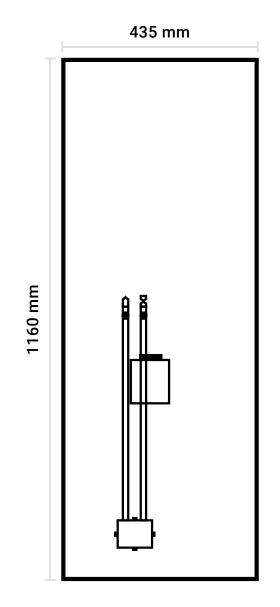+80 years lifespan

An active roof
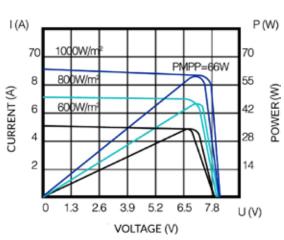For you & the environment

Mobil app
Monitor your solar effect

Electrical specifications — STC: Irradiance @1,000 W/m² - AM1.5 - Module temperature 25°C

Module type	P_{mpp} [W]	I_{mpp} [A]	V_{mpp} [V]	I_{sc} [A]	V_{oc} [V]	Tolerance
TRoof GB 1160x435 2x7 MFC	71	8.15	8.10	8.99	9.50	+/-3%

Mechanical specifications

Module dimensions (mm)	5.8x435x1160, Junction box: 14.5
Cell type	Black monocrystalline PERC
Cell matrix	14 cells, 2x7
Module construction	Glass/EVA/cells/EVA/backfoil
Glass height	4 mm
Junction box classification	IP67
Cables	700 mm, 4 mm²
Connections	MC4 compatible

Other specifications

Operational temperature	÷40°C-50°C
Maximum system voltage	1,000 V
Fuse rating, serial	15 A
Diode count	1

Temperature coefficients

I_{sc}	+0.033%/°C
V_{oc}	-0.241%/°C
P_{mpp}	-0.37%/°C

435 mm

1160 mm

I (A) / CURRENT (A) — P (W) / POWER (W)

1000W/m², 800W/m², 600W/m², PMPP=66W

VOLTAGE (V) — U (V)