

# FREESUNS

SOLAR  ROOFS



Can you tell it's solar?

[www.freesuns.com](http://www.freesuns.com)

# Freesuns SA

Since its creation, Freesuns has been committed to transforming solar energy into an elegant, high-performance solution for all types of buildings. As a manufacturer of solar roof tiles, we combine cutting-edge technology with aesthetic appeal, offering a sustainable alternative to traditional roofs.

Designed in Switzerland, Freesuns solar roof tiles blend harmoniously with the architecture while efficiently capturing the sun's energy.

Our vision: to make solar energy accessible to all, without compromising on aesthetics, to contribute to a cleaner, more sustainable future.

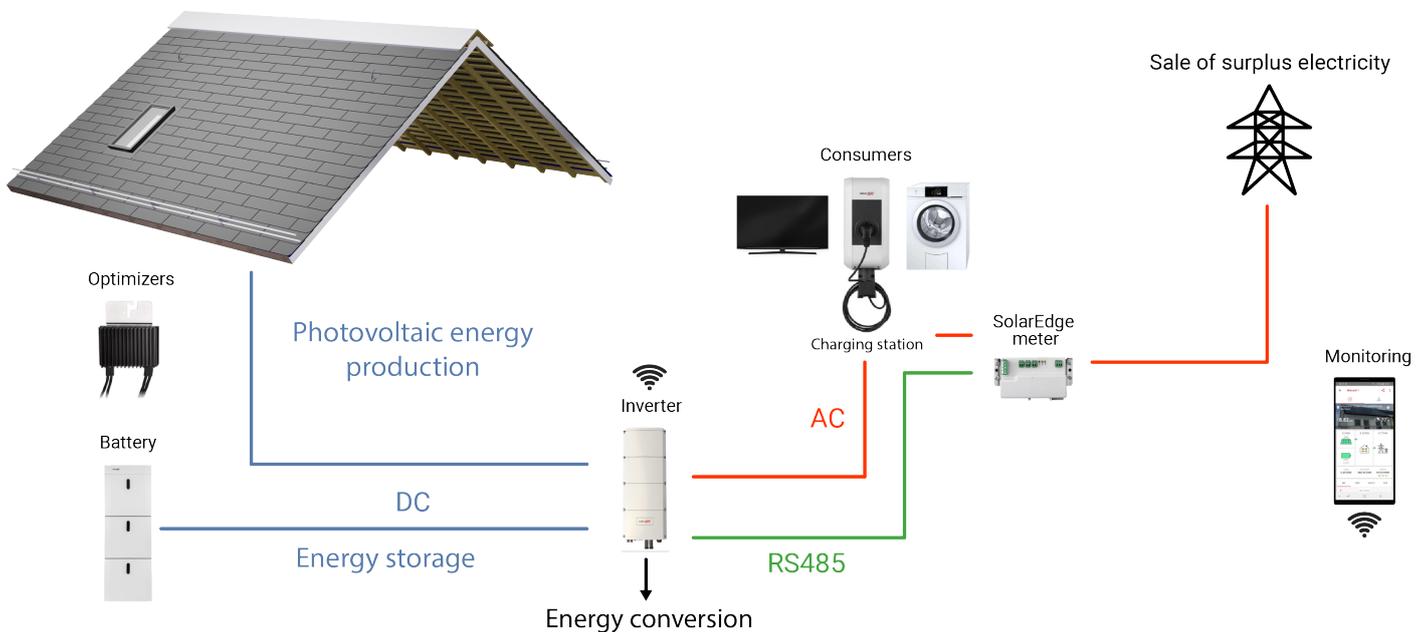


## Our solution

Our solar tiles adapt to any roof, including the most complex surfaces, for unrivalled integration.

- Their small format means they can generally cover more surface area than large-format photovoltaic panels.
- Installed with a double overlap, like conventional tiles, they guarantee excellent watertightness and are resistant to heavy snow load and the elements.
- Available in a range of finishes, they preserve the aesthetics of buildings, including historic structures.
- This high-performance, long-lasting solar roof reduces energy bills, increases property value and qualifies for subsidies and tax deductions.

Imagine a roof that not only protects, but also contributes to the preservation of our planet, while enhancing the uniqueness of your home.



# FREE SUNS PHOTOVOLTAIC TILES

## SOLARIS™ CLASSIC



### Appearance

glossy black with visible silver lines

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Dimensions	690x510 mm
Power per tile	23,5 Wp
Power per m <sup>2</sup>	168 Wp
Number of modules per m <sup>2</sup>	7,14
Weight per m <sup>2</sup>	52,2 kg
Mechanical load resistance	13'333 Pa



## SOLARIS™ PREMIUM BLACK



### Appearance

glossy black with no visible lines

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Dimensions	690x510 mm
Power per tile	21 Wp
Power per m <sup>2</sup>	150 Wp
Number of modules per m <sup>2</sup>	7,14
Weight per m <sup>2</sup>	52,2 kg
Mechanical load resistance	13'333 Pa



## SOLARIS™ HERITAGE



### Appearance

matt grey, invisible lines, slate appearance

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Dimensions	690x510 mm
Power per tile	19,7 Wp
Power per m <sup>2</sup>	141 Wp
Number of modules per m <sup>2</sup>	7,14
Weight per m <sup>2</sup>	52,2 kg
Mechanical load resistance	13'333 Pa



## SOLARIS™ VDIAMOND TERRACOTTA



### Appearance

terracotta-tone finish, terracotta appearance

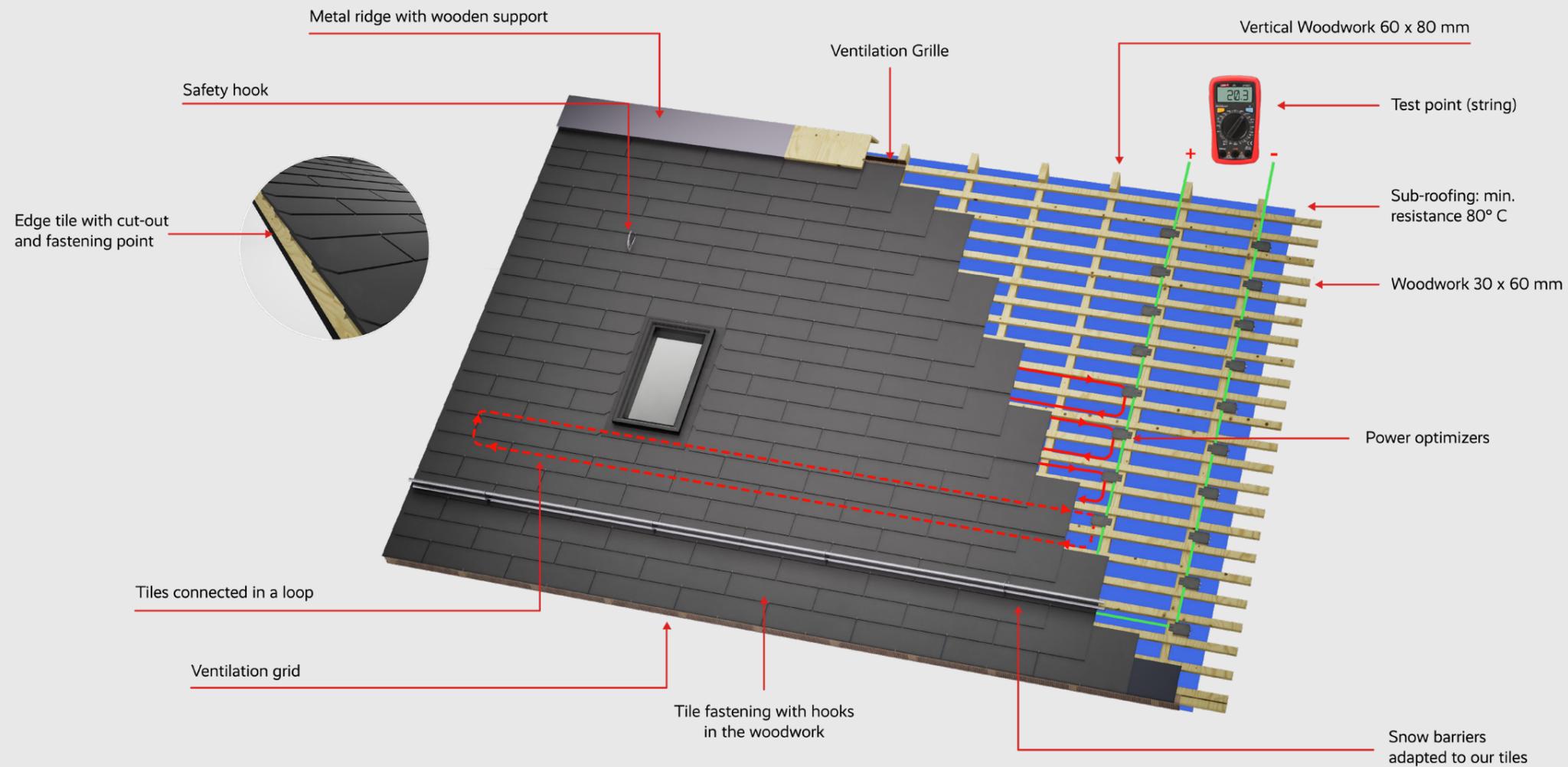
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Dimensions	730x400 mm
Power per tile	10,04 Wp
Power per m <sup>2</sup>	97 Wp
Number of modules per m <sup>2</sup>	9,65
Weight per m <sup>2</sup>	40,53 kg
Mechanical load resistance	5'400 Pa



# PHOTOVOLTAIC SYSTEM ARCHITECTURE

## FREESUNS



### Simple installation, familiar to professionals

- Replaces a traditional roof
- Installation similar to a roof made of fibro-cement or natural slate
- Compatible with all slopes inclined from 20 to 90°
- Installation carried out by qualified roofers and installers

### Robust, durable solution

- Tempered glass structure front/back
- Resistant to hail (RW4) and snow load (up to 1360kg/m<sup>2</sup>)
- Walkable tiles during installation and maintenance

### Proven seal

- Double overlap for a perfect waterproofing, without additional gaskets, components or accessories

### Complete ecosystem and adapted accessories

- Fastening hooks: quick and safe installation on all types of sloped roofs
- Safety hooks: comply with standards, guaranteeing the safety of installers
- Snow retention system: integrated snow bar and/or snow stop

### Performance, safety and reliability

- Optimization of production in the event of shading thanks to power optimizers
- Real-time monitoring of electrical connections, considerable reduction in the risk of fire

### Solution for partial roofing

- Traditional complementary products available in case of partial roofing of a roof with solar tiles, e.g. natural slate, fibrocement sheet

### Ecological and profitable investment

- Reduced energy bills thanks to optimized solar production
- Eligible for subsidies and tax deductions
- Increased property value thanks to a high-performance, sustainable solar roof

# YOUR **FREESUNS** ROOF IN 3 STEPS

## Phase N°1 - Budget



You make a request to Freesuns by phone, email or directly on our website



Freesuns draws up an estimated budget for your roof

## Phase N°2 - Detailed offer



Freesuns comes to your site, measures the roof and answers all your questions



Freesuns provides you with a precise quotation for the product and panels selected



A roofing company also provides you with a quotation

## Phase N°3 - Ordering, installation and commissioning



You order the work, Freesuns produces the tiles to your specifications



20 weeks later, work begins and your roof is refurbished with solar tiles



Freesuns trains you to use the monitoring system, and then you enjoy the energy from your roof



**FREESUNS**  
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### Contact us

Do you have a question, a project in mind or would you like to discuss some ideas?

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