

BIPV Series Products



BIPV Roof



BIPV Glass
Curtain Wall



BIPV Shed

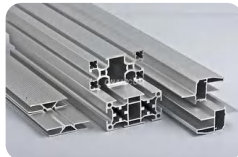


BIPV Carport



BIPV Sunroom

Core Competencies



1. Quality Guarantee

Professional design and manufacturing
Factory direct sales, 30-year service life

2. Customized Design

The most cost-effective
Customized by site conditions



3. Stable Structure

Strong windproof and waterproof design
Selected material and multiple reinforcement

4. Diversified Appearance

Beautiful texture
Diversified colors, delightful design



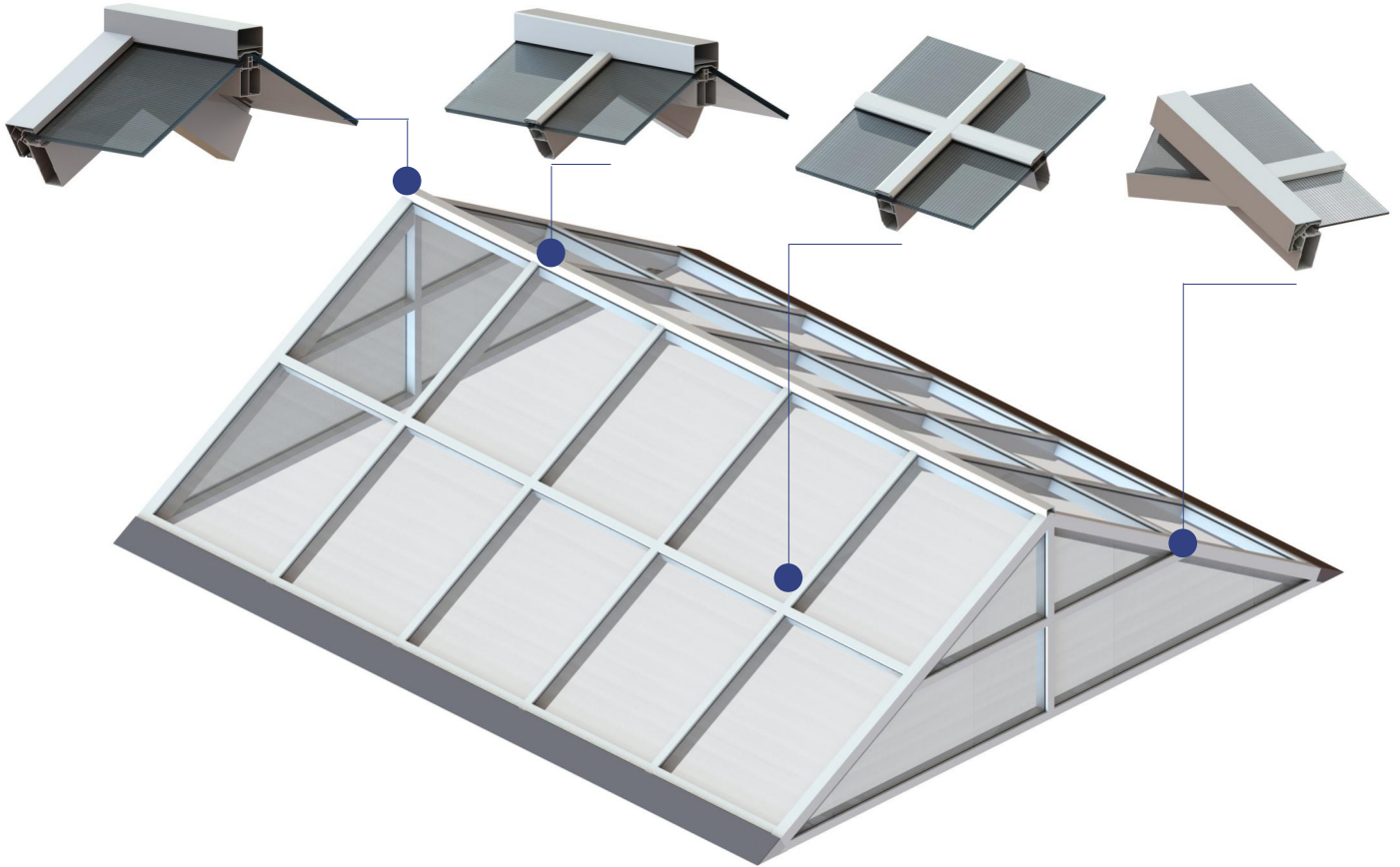
5. Convenient installation

Easy to install and disassemble
Various accessories for fast installation and disassembly

Product Introduction



SFPVROOF01--BIPV Roof



Introduction

SFPVROOF is a series of BIPV roofs which combine building structure and power generation, and provide functions of windproof, snowproof, waterproof, light transmission. This series has compact structure, great appearance and high adaptability to most sites. Day lighting + solar photovoltaic, an eco-friendly substitution to the traditional skylight.



Characteristic

Customizable Light Transmittance:

The light transmittance of PV modules could be 10% ~80%, suitable for different light requirements.

Good Weather Resistance:

Its surface has an anti-ultraviolet co-extruded layer, which absorbs ultraviolet light and converts it into visible light, and has a temperature insulation effect, which ensure a good stabilizing effect on plant photosynthesis.

High Load Resistance:

35cm snow cover and 42m/s wind speed are considered in this solution according to EN13830 standard.



Typical Applications

Greenhouse Houses / Villas Commercial Building Pavilion Bus Station



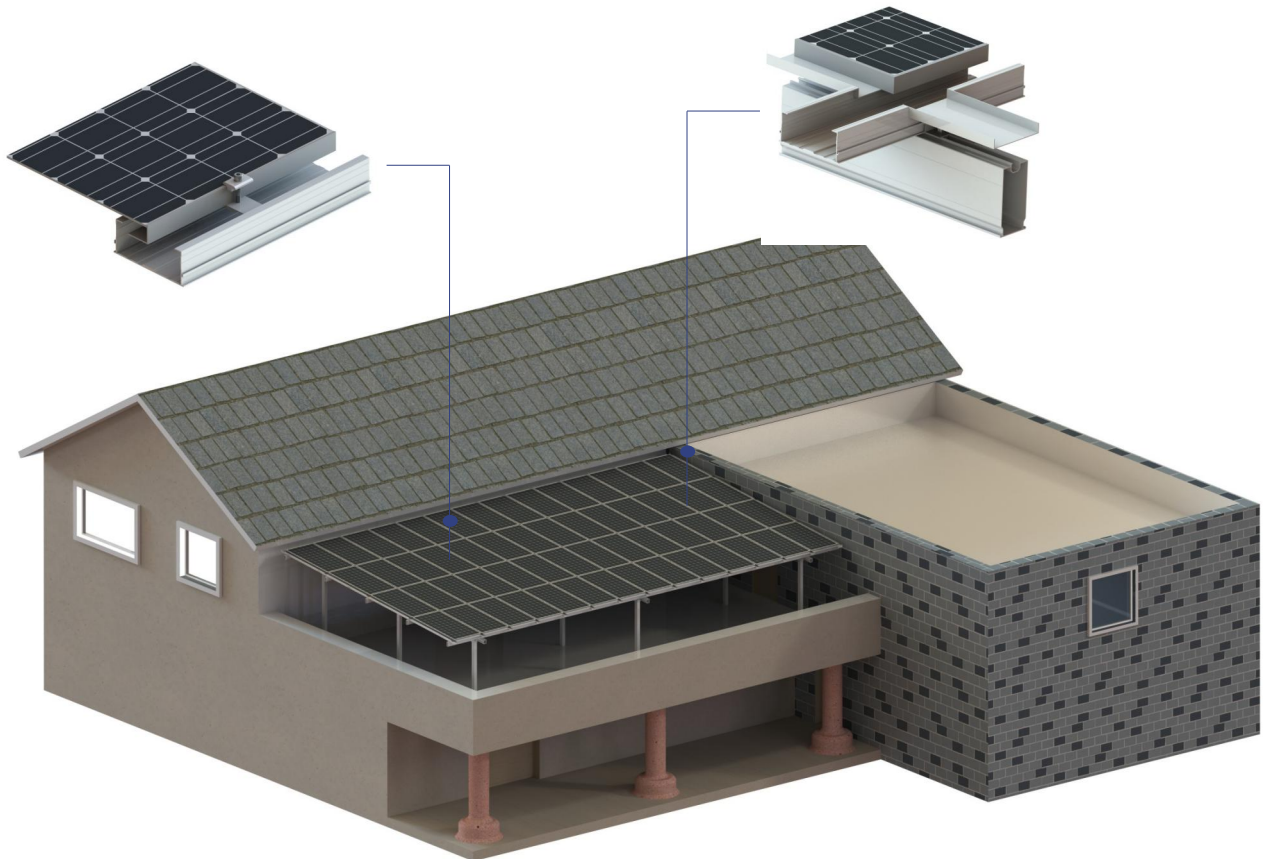
Optional Extensions

Skylight Steel Frame Structure Conventional Wooden Frame Structure
More Attachments Available

Product Introduction



SFPVROOF02-- BIPV Waterproof Shed (Aluminum)



Introduction

SFPVROOF is a series of aluminum waterproof sheds which combine building structure and power generation, and provide functions of windproof, snowproof, waterproof, light transmission. This series has compact structure, great appearance and high adaptability to most sites.

Waterproof structure + solar photovoltaic, an eco-friendly substitution to the traditional canopy.



Characteristics

Site Adaptation:

5 series and 48 cross-sections for you to choose from. According to the site condition, we can select appropriate material and reasonable structure, which meet technical standard. More choice to decorate your living space.

Good Weather Resistance:

The aluminum structure with anodized surface ensure long service life, stability, and anti-corrosion.

High Load Resistance:

35cm snow cover and 42m/s wind speed are considered in this solution according to EN13830 standard.



Typical Applications

Waterproof Area on House / Villa Waterproof Area on Rooftop Waterproof Area on Metal Roof



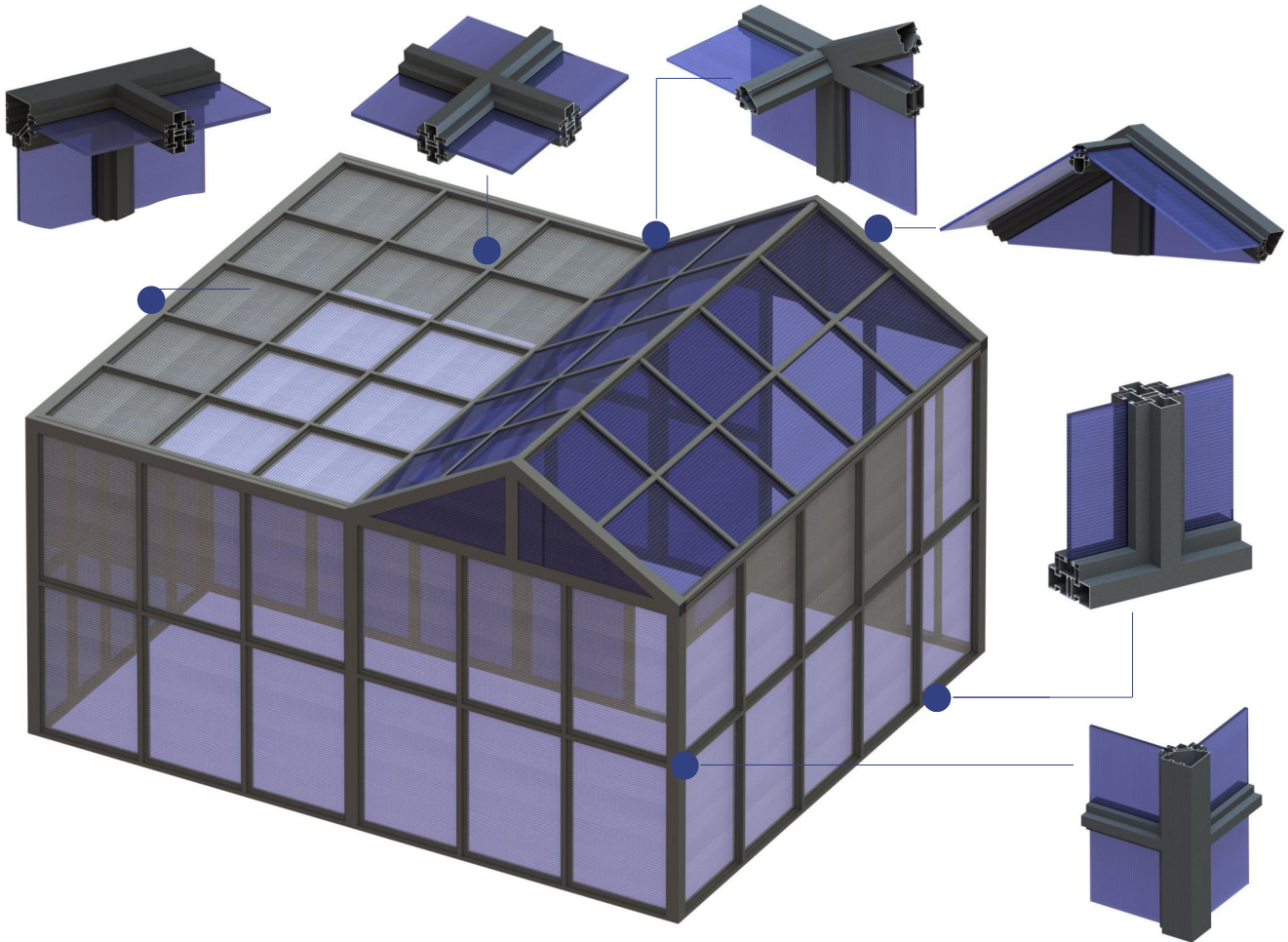
Optional Extensions

Steel Frame Structure Set Up on Existing Roof Functioned as an Independent Shed

Product Introduction



SFPVROOM01 -- BIPV Sunroom



Introduction

SFPVROOM series PV sunrooms are built with tempered glass and metal frame structure. The sunroom solutions provide functions of power generation, windproof, snowproof, waterproof, light transmission. This series has compact structure, great appearance and high adaptability to most sites.

Tempered glass + metal frame structure + solar photovoltaic, an eco-friendly substitution to the traditional sunroom.

Characteristics

Diversified Customization:
Optional aluminum profiles with colorful surface treatment, the product material can be made into different shapes: square, circle, bent, straight, or other custom-tailored styles.

Good Weather Resistance:
The aluminum structure with anodized surface ensure long service life, stability, and anti-corrosion. The solar modules and heat-insulated aluminum profile provide double assurance to block exterior heat.

High Load Resistance:
35cm snow cover and 42m/s wind speed are considered in this solution according to EN13830 standard.

Typical Applications

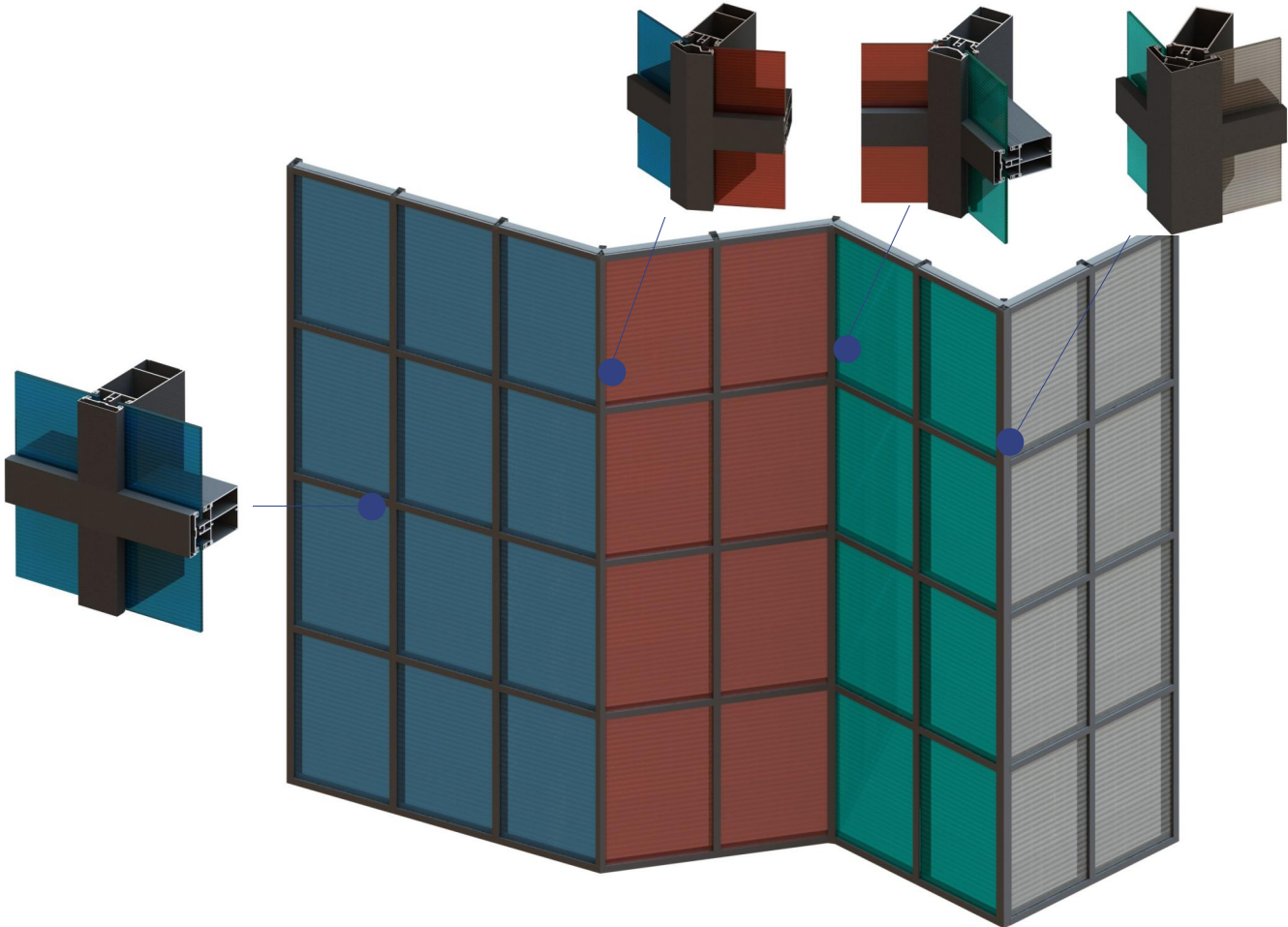
Sunroom for Houses or Villas Sunroom Pavilions Sunroom in Yard Smart Building

Optional Extensions

Set Up on Existing Pitched Roof Smart Sunshade Skylights for Natural Ventilation
More Attachments Available



SFPVROOM02 -- BIPV Glass Curtain Wall



Introduction

The SFPVROOM series PV glass curtain wall solutions combine building structure and power generation, and provide functions of windproof, snowproof, waterproof, light transmission. This series has compact structure, great appearance and high adaptability to most sites. Curtain wall + solar photovoltaic, an eco-friendly substitution to the glass curtain wall system.



Typical Applications

For Houses and Villas For Commercial Building For Building Facade For Fence



Optional Extensions

Steel Frame Structure Smart Sunshade Windows for Natural Ventilation
More Attachments Available



Characteristic

Diversified Customization:
Optional aluminum profiles with colorful surface treatment, the product material can be made into different shapes: square, circle, bent, straight, or other custom-tailored styles.

Good Weather Resistance:
The aluminum structure with anodized surface ensure long service life, stability, and anti-corrosion. The solar modules and heat-insulated aluminum profile provide double assurance to block exterior heat.

High Load Resistance:
35cm snow cover and 42m/s wind speed are considered in this solution according to EN13830 standard.

Project Reference



BIPV Waterproof Shed, Sweden



BIPV Glass Curtain Wall, UK