

# GS-Energy BIPV System Solution

## BIPV Solution



### • System Introduction

The industrial and commercial rooftop PV solution is currently the largest single BIPV project solution provider in China. It can not only meet the design requirements of conventional buildings such as anti-leakage, anti-settlement, and anti-tension, but also has high wind speed and high snow load. , Good ventilation and lighting, excellent heat insulation and fire prevention, strong shock and water resistance, easy operation and maintenance in the later stage, etc., can bring customers a more generous return on investment while protecting the safety and reliability of the entire building.

### • Suitable Power Plant Project

It is suitable for power plant projects on roofs, renovation of old factories and construction of new factories.

### • Features

- It meets the requirements of anti-leakage, anti-settling and anti-stretching of conventional buildings;
- The roof has 25 years of power generation revenue;
- It meets the three major characteristics of building wind pressure resistance, air tightness, and water tightness

### • Technical Information

Installation site	Commercial and residential roofs
Angle	10° , 15° , 20°
Material	Steel or Stainless Steel
Color	Natural color or customized
Surface treatment	HDG or ZAM
Maximum wind speed	≤60m/s
Maximum snow cover	≤3.6KN/m <sup>2</sup>
Reference standards	GB5009 & ASCE7-05 & Other
Usage time	More than 25 years
Quality assurance	10-year quality assurance

### • Parts



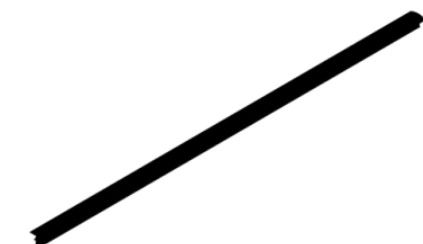
W type capillary break



U type water Sink



Aluminum fixing plate



Waterproof adhesive tape



Special Design for FRamed Module



Mounting Solution for framed module