

Espay Solar Energy S.L.

Seamless Solar Photovoltaic Panels



**Efficient
Higher Revenue**

- Max. Efficiency 97.5%
- Max. PV Input Voltage 600V
- 150% Peak Output Power
- 2 MPP Trackers, 150% DC Input Oversizing
- Max. PV Input Current 16A, Compatible with High Power Modules



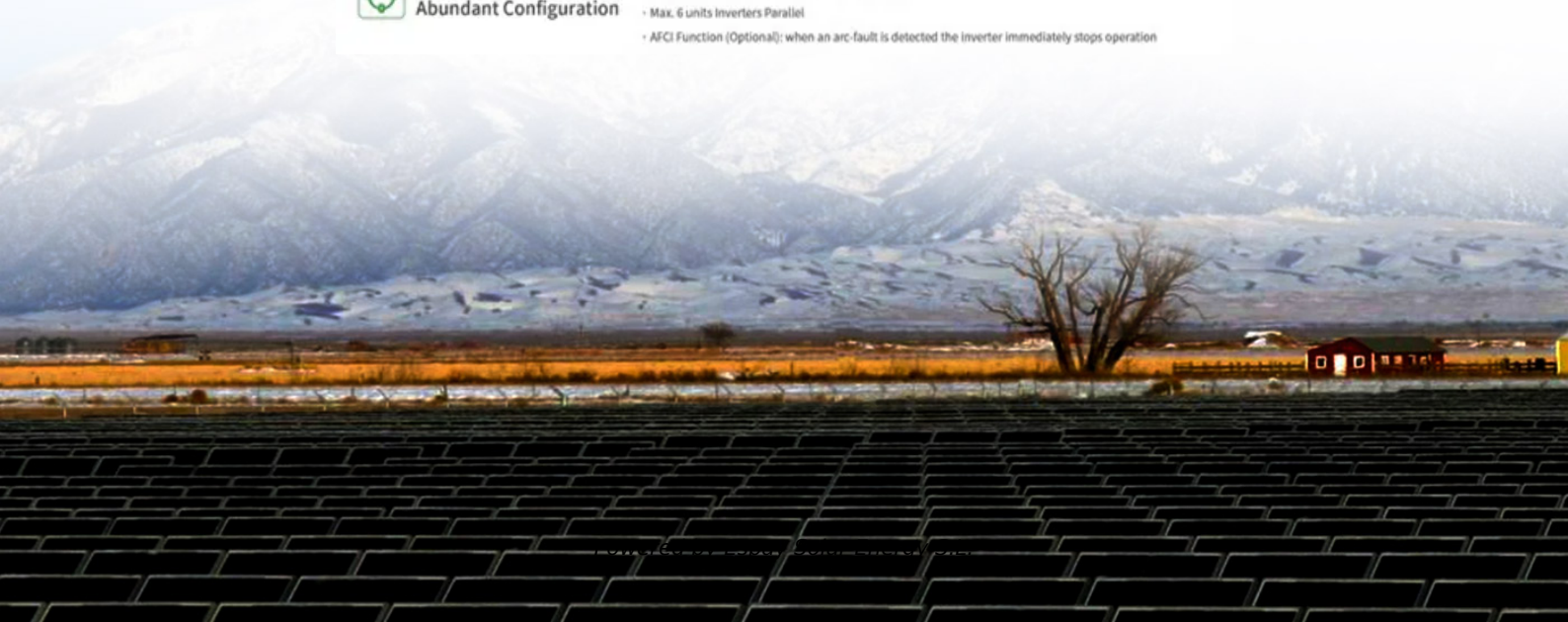
**Intelligent
Simple O&M**

- IP66 Protection Degree: support outdoor installation
- Smart I-V Curve Diagnosis Function: locate PV string faults accurately and automatically detect faults
- DC & AC Type II SPD: prevent lightning damage
- Battery Reverse Connection Protection



**Flexible
Abundant Configuration**

- Plug & Play, EPS Switching Under 10ms
- Compatible with Lead-acid and Lithium Batteries
- Max. 6 units Inverters Parallel
- AFCI Function (Optional): when an arc-fault is detected the inverter immediately stops operation



Overview

Integrated solar panels seamlessly blend solar technology with roofing materials, enhancing aesthetics while generating clean energy. Solar roofs and shingles offer stylish and efficient ways to harness solar energy, with potential cost savings over time. Seamless-PV drives the implementation of advanced integrated photovoltaics in different market sectors. New BIPV applications come to life! At the end of 2025, the project partner PIZ s. Let's delve into how this principle is applied within solar power grids and systems, and why it's pivotal. SunStyle is at the intersection of technology and uncompromising style. Research the optimal system for your needs, 2. Each step plays a critical.

Seamless Solar Photovoltaic Panels

**5 Years
warranty**



Solar Full Roof(TM) , Roof. Design. Power.

Solar Full Roof(TM) offers seamless integration of solar panels and similar looking dummy panels! Save on energy costs while not giving up on design.

Integrated Solar Modules: The Next Step in Solar Design & Technology

Perhaps the most exciting aspect for solar consumers, however, is that integrated panels can be seamlessly included in the design of their homes or buildings. As design elements, they can be ...



SunStyle Solar Roof , CertainTeed

SunStyle maximizes the potential of solar roofing from edge to edge, encompassing every angle and slope. This, coupled with premium photovoltaic cells, delivers higher solar efficiency in one integrated ...

Seamless BIPV Solar Panels ,

Integrated Roof Solutions

BIPV solar solutions seamlessly integrate photovoltaic panels into building structures, transforming roofs into efficient energy generators. Our advanced systems eliminate drilling damage while ensuring ...



Seamless Solar Power Integration Solutions

Seamless solar panel integration goes beyond mere installation. It involves a synergetic blend of solar power with the existing electrical grid, ensuring that renewable energy integration ...

How to install seamless solar panels , NenPower

The concept of seamless solar panels has emerged as a significant advancement in solar technology. These panels provide a clean aesthetic that integrates smoothly with roofing ...



Integrated Solar Panels: Harnessing Solar Energy Seamlessly

Integrated solar panels are designed to blend seamlessly with your existing roof, whether made of tiles, shingles, or any other roofing material. This aesthetic

integration enhances your property's curb ...



SolarSeam , Catnic Urban , Catnic

Unlike traditional mounted solar photovoltaics systems, Catnic SolarSeam is bonded to the roof panel, offsite, creating a low-profile and seamless finish that's guaranteed to produce energy for 25 years.



Standard 20ft containers



Standard 40ft containers

Glassless Solar Panels - Modular Energy Solution

Turn your building exterior into a power source with MES Solar Facades. Our lightweight, high-efficiency panels integrate seamlessly into cladding and can be customized to mimic brick, stone, metal, or ...

Seamless-PV - Exploring the new Integrations of Photovoltaics

Seamless-PV drives the implementation of advanced integrated photovoltaics in different market sectors. New BIPV

applications come to life! At the end of 2025, the project partner PIZ s.r.l. ...



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