

Solar PV & BIPV · Flat roofs

# Risen Empowering Energy Roof – BIPV Flat Roof

Waterproofing and solar in a single roof project: a version for new TPO membrane roofs and a retrofit version for existing roofs.

Product code: **SPC-PV-RIS-EMR**



## Use case

An older building now used as a coworking space has a leaking flat roof. The owner had planned two separate projects: new waterproofing and, one day, solar panels.

Instead, it becomes one renovation: a new membrane and a PV system installed together, without dismantling the roof structure.

Price on request — official price list coming soon.

## How it works

### New roof

An 840 W composite solar tile combined with a TPO membrane forms a single layer that both seals the roof and generates power.

### Retrofit

On an existing metal or membrane roof, 550 W glass-glass modules are installed without altering the structure.

### Ready for storage

The system can be combined with a commercial energy storage system and performance monitoring.



## Specifications

| PARAMETER           | VALUE                                                        |
|---------------------|--------------------------------------------------------------|
| Manufacturer        | Risen Energy                                                 |
| System type         | BIPV system for flat and low-pitch roofs                     |
| New-roof version    | 840 W composite solar tile integrated with a TPO membrane    |
| Retrofit version    | 550 W glass-glass module on existing metal or membrane roofs |
| Options             | Energy storage system, performance monitoring                |
| Design service life | 30 years                                                     |

Manufacturer: Risen Energy Co., Ltd. Offered and supported in Poland by Space BMS sp. z o.o.

Detailed technical documentation and drawings are available on request.

## How we work with you

- Site visit and roof or car-park survey.
- Yield estimate and system layout for your building.
- Structural and grid-connection check with your designer.
- Installation by qualified partners and commissioning.

### Contact

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