



Transform any surface into a solar generator



CFV

Cubiertas FV Integradas

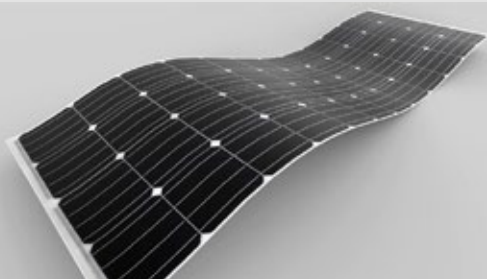
by TSO

SEVILLE • DUBAI

“Innovating to open new markets for Solar Energy”

ULTRALIGHT FLEXIBLE SOLAR PANEL

The PSFU (eArche®) range of products will change the vision on how solar energy can be developed in any market, making it more accessible and economic for all users.



PSFU (eArche®) products are own developed and patented technology, with a price similar to conventional panels, but with all the advantages of the PSFU (eArche®) technology and the savings in the supporting structure.

- **Ultralight** (~3kg/m²)
- **Flexible** (~2mm thickness)
- **Building Integration**
- **High Efficiency**
- **Easy Installation**
- **Easy Transport**
- **No need for auxiliary structure**
- **Easy Handling**
- **Durability**
- **Safety**
- **PID-free**
- **No Optical Pollution**
- **2400Pa/5400Pa Mechanical Load**

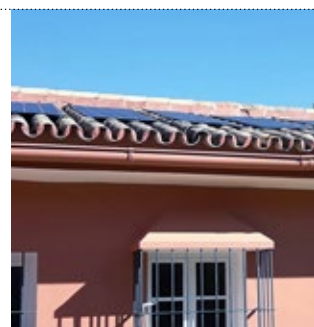
Every CFV installation in businesses includes one monitor and the home kits include one tablet, in order to monitor and self-manage the photovoltaic solar installation.



CERTIFICATIONS



PAYMENT OPTIONS	CASH	LOAN	SOLAR ELECTRIC TARIFF
No upfront capital	-	✓	✓
Deferred payment	-	Own choice (<20 y)	Minimum stay ≥10 years
Owner	You	You	TSO
Monthly rate	-	Fixed	Depending power consumption
You only pay what you consume	-	-	Fixed price up to 30% discount on electric bill
Reduce your financial risk	-	-	✓
Guaranteed production	✓	✓	✓
Monitoring	✓	✓	✓
GRAE (personalized attention)	✓	✓	✓



ECO20®. Differentiate your products

for business

Make your products make a difference with respect to competitors thanks to a new quality standard.

The ECO20® seal counts on the certification of Bureau Veritas, an accredited entity to certify energy management systems or environmental management and it guarantees that the energy used in the manufacturing process has 100% solar origin, with no environmentally unfriendly greenhouse gas emissions.



ECO20® is based in White Certificates, an instrument issued by the European Commission which certifies that a determined amount of electric energy has been obtained from the sun in a determined period of time. This warranty system allows any industry to certify that the origin of its consumption comes from solar sources.

ECO20 Silver

(50-70% self-consumption)

ECO20 Gold

(70-80% self-consumption)

ECO20 Platinum

(>80% self-consumption)



YOUR PRODUCTS MANUFACTURED WITH SOLAR ENERGY



Advantages. Save by generating your own energy

The ultralight flexible panels allow us to offer more efficient self-consumption and net-metering solutions, of lower cost and on surfaces or areas not suitable for other systems.

ENERGY EFFICIENCY

- Reduction of electricity bill by consuming renewable kWh.
- Installation amortization period from 4 years (depending on the kWh price).
- Installation lifetime of 25 years.
- Uninterrupted power supply during daytime (USS: Uninterruptable Solar Suply).
- CO₂ savings by consuming renewable kWh.

BUSINESS IMAGE

- Tradable certificates are applied for every self-consumed kWh.
- Every product packaged within the installations will have a "green" certificate.
- Compensation of other non-renewable electricity consumptions.
- Competitive advantage due to the business certificate with renewable energy use.
- No need to look for green power suppliers.
- Any location belonging to the business group is valid to compensate kWh and apply for tradable certificates for energy savings (White Certificates).
- Not self-consumed kWh (weekends, etc...) are not wasted, but compensated by a good brand image and according to spanish Royal Decree-Law RD 244/2019.
- Rooftop installations currently receiving income from Royal Decrees (RD) cannot justify they self-consume renewable energy. They trade with it.
- Diffusion in specialized media.

for homes

HOW MUCH DO YOU PAY IN YOUR ELECTRICITY BILL?	< 100 €/m	100 a 175 €/m	175 a 300 €/m	300 a 450 €/m	> 450 €/m
SOLAR PHOTOVOLTAIC KITS	S	M	L	XL	XXL
Savings until end of lifetime (25 years)	14.700 €	29.270 €	48.820 €	77.965 €	97.770 €
Avoided CO ₂ until end of lifetime	22.330 kg	44.570 kg	74.345 kg	118.722 kg	148.875 kg
Occupied area	~10 m ²	~20 m ²	~33 m ²	~55 m ²	~65 m ²
MONTHLY RATE*	34,99 €/m (42,34 € VAT incl.)	63,31 €/m (76,60 € VAT incl.)	98,98 €/m (119,77 € VAT incl.)	152,47 €/m (184,49 € VAT incl.)	186,18 €/m (225,28 € VAT incl.)
PRICE IN CASH	2.985,94 € (3.612,98 € VAT incl.)	5.374,69 € (6.503,37 € VAT incl.)	8.445,94 € (10.219,58 € VAT incl.)	12.967,50 € (15.690,68 € VAT incl.)	15.868,13 € (19.200,43 € VAT incl.)
SOLAR ELECTRIC TARIFF**	FIXED PRICE OF 0,125 €/kWh with a minimum stay of 10 years				

* Monthly guidance, calculated for 10 years, pending on detailed study and approval by the financial institution.

** Fixed price in contracted powers up to 15 kW (rates 2.0A and 2.1A). For contracted powers greater than 15kW, the current kWh price will equal at least with 30% of the savings.

Solar Photovoltaic Kits

- Save up to 50% in your electricity bill
- Reduce the term of contracted power
- No back-up toll
- Amortize your investment from year 5
- Real estate tax deductions in many municipalities
- Reduce your carbon footprint and preserve the environment
- GRAE Monitoring (personalized attention)
- Last generation Ultralight Flexible Solar Panels
- Warranty: solar panels: 10 years product and 25 years performance (>80%); inverter: 5 years product

Each kit includes: ultra-light flexible solar panels, smart inverter, electrical protections, installation and set-up, legalization, solar tablet and energy assessment by TSO during 10 years through GRAE.

CUSTOMERS IN ANDALUSIA

Subsidy for complete energy assessment during 10 years:

- Installation control and monitoring. Energy tracing.
- Full installation maintenance, including preventive/predictive (smart solar maintenance) and corrective. A bianual revision with drones and IR/EL cameras (thermographic and electroluminescent) is included.
- Full warranty of the installation and all its components.
- Energy assessment through GRAE.

Our Services



CONSULTING AND ENGINEERING

- Study of current electricity demand.
- Design of optimized solar PV installation.
- BIPV specialized BIM project.
- Project Management of the installation.

Includes additional architectural project approved by the Official College if required by the customer (fibroceement or unstable rooftops).

FINANCING AND SUBSIDIES

- Assessment in financing the solar installation.
- Management of energy subsidies.
- Assessment in energy sale as “prosumer” (surplus compensation according to Spain RD 244/2019).

INSTALLATION AND SETUP

- Complete installation of all elements.
- Set up of the whole system, including remote monitoring through GRAE (personalized attention). Every CFV installation includes one monitor for businesses and one tablet for homes, which will show solar generation and consumption.
- Maintenance of installation (to contract later, except Solar Electric Tariff).

MARKETING AND DIFFUSION

Certification as sustainable company (certified by Bureau Veritas):



- Assessment to obtain the warranties of origin.
- Welcome Pack (graphic material for the company, diploma, stickers, logo, etc.).
- Marketing campaign for customer diffusion (to contract later).

CFV

Cubiertas FV Integradas

by TSO

SEVILLE • DUBAI

“Innovating to open new markets for Solar Energy”

+34 954 562 955

www.communitycfv.com

Julio César, 3. 41001 Seville (Spain)

info@thesouthoracle.com



Associated Company



Founding Member



Associated Member



Associated Member



Associated Company