

Flexible Solar Carport (FxbSC)

CFV
Solar Photovoltaic Skin



Turn **any** parking space into a solar generator

THE EASIEST WAY TO SAVE BY PRODUCING YOUR OWN ENERGY



CFV
Solar Photovoltaic Skin

in Solar PV since **1995**

SEVILLE • DUBAI

“Innovating to open new markets for Solar Energy”



+34 954 562 955

Julio César, 3. 41001 Seville (Spain)
info@communitycfv.com

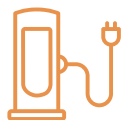
www.communitycfv.com



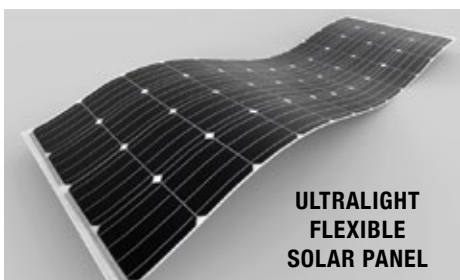
Flexible Solar Carport (FxbSC)



INSTALLATION AND LEGALIZATION



ELECTRIC VEHICLES CHARGING STATIONS



ULTRALIGHT FLEXIBLE SOLAR PANEL



SOCIAL AND SUSTAINABLE

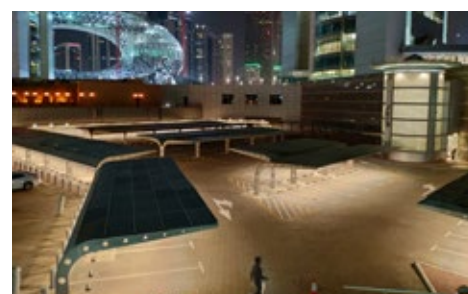
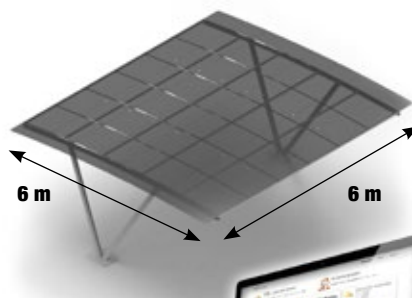


ENERGY COACH (GRAE)

FxbSC makes easier energy self-consumption and provides charging points for electric vehicles

CFV engineering team has designed a new concept of flexible solar parking (FxbSC) that allows to turn any parking space into a solargenerator. FxbSC achieves significant energy savings thanks to self-consumption and facilitates the installation of electric vehicles charging points in above-ground car parks.

CFV's flexible solar modules low weight (3 kg/m² approximately) allows the necessary structure to be much lighter in comparison to that required by any other conventional panel. In addition, panels perfectly fit to the curved shape of any roof improving aesthetics due to its flexibility.



ECO20[®] Certificate by Bureau Veritas

CFV's Electric Solar Tariff includes the ECO20[®] Certification by Bureau Veritas for companies installing 10 or more FxbSC units.

The ECO20[®] seal makes it possible to stand out from the competition as an environmentally friendly company, since it guarantees the consumption of a minimum level of energy with solar origin, not emitting greenhouse gases into the atmosphere.



BUREAU VERITAS



GRAE, the energy coach

GRAE, thanks to a real-time monitoring of the solar plant, will advise you on how to constantly reduce its electricity consumption.

GRAE will detect the optimal habits of energy consumption, offering advice and communicating the latest trends and technologies in energy saving, as well as marketing and dissemination campaigns on how the CO₂ footprint is decreasing.



| PARKING SPACES | 2 units | 4 units | 10 units | 50 units | > 50 units |
|---|--------------------|---------------------|---------------------|---------------------|--------------------------|
| PV power | 5.80 kWp | 11.60 kWp | 29.00 kWp | 145.00 kWp | > 145.00 kWp |
| Electric Vehicle Chargers | 1 unit | 1 unit | 3 units | 15 units | > 15 units |
| Monitor + Raspberry GRAE | 1 unit | 1 unit | 2 units | 4 units | > 4 units |
| Installation and legalization | 1 unit | 1 unit | 1 unit | 1 unit | 1 unit |
| ECO20 [®] by Bureau Veritas | No | No | Yes | Yes | Yes |
| Generated energy in 25 years (*) | 195,986 kWh | 391,972 kWh | 979,930 kWh | 4,899,650 kWh | > 4,899,650 kWh |
| CO ₂ total savings in 25 years (*) | 78,394 kg | 156,789 kg | 391,972 kg | 1,959,860 kg | > 1,959,860 kg |
| PAYMENT OPTIONS | | | | | |
| CASH PAYMENT | € 11,600 | € 19,720 | € 43,500 | € 199,375 | > € 199,375 |
| FxbSC price per parking space | € 5,800 /unit | € 4,930 /unit | € 4,350 /unit | € 3,988 /unit | < € 3,988 /unit |
| ELECTRIC SOLAR TARIFF | € 0.25 /kWh | € 0.215 /kWh | € 0.185 /kWh | € 0.145 /kWh | < € 0.145 /kWh |
| ✓ No upfront payment ✓ Contract period ≥10 years ✓ Monthly payment based on consumption ✓ CFV's Property | | | | | |

(*) Generated energy measured between 36-39° N latitude

Mechanical stability resistance to wind >45 m/s (160 km/h)