MITJAVILA

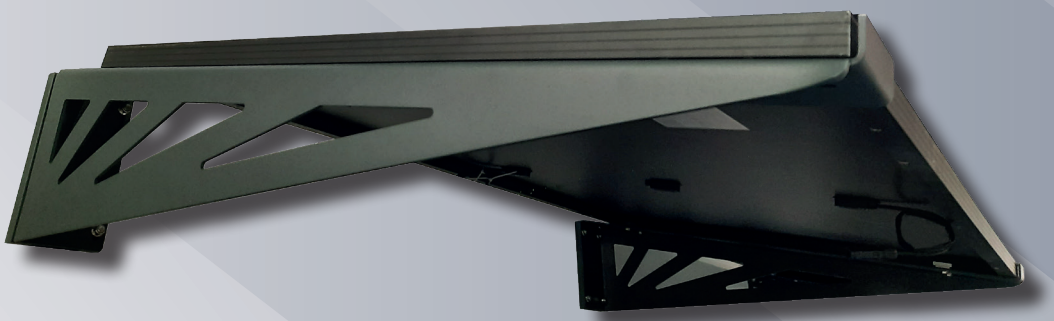
CANOPY FAMILY

Bioclimatic, Isotoit® or Photovoltaic

Decide according to your desires!

Canopies block sun rays
in the summer while letting them pass through in winter.

The advantage of the photovoltaic model is that it produces your own green electricity for self-consumption and thus reduces your electricity bill.



Edition 16/06/2023

European manufacturing

Since 1970 our company has provided design, assembly and production from 10 specialized units located in southern Europe, which is a guarantee of quality and security of supply for all our customers.

The repairability index

All our frames are completely removable and repairable.

100% recyclable aluminum

All our frames are made up of aluminum parts, components and profiles and are fully removable and recyclable.

We inform you that in order to constantly improve our products, the MITJAVILA company reserves the right to modify their composition during the season. In this case and on request, an explanatory note will be provided to you by the design office.

TOP ELECTRA CANOPY

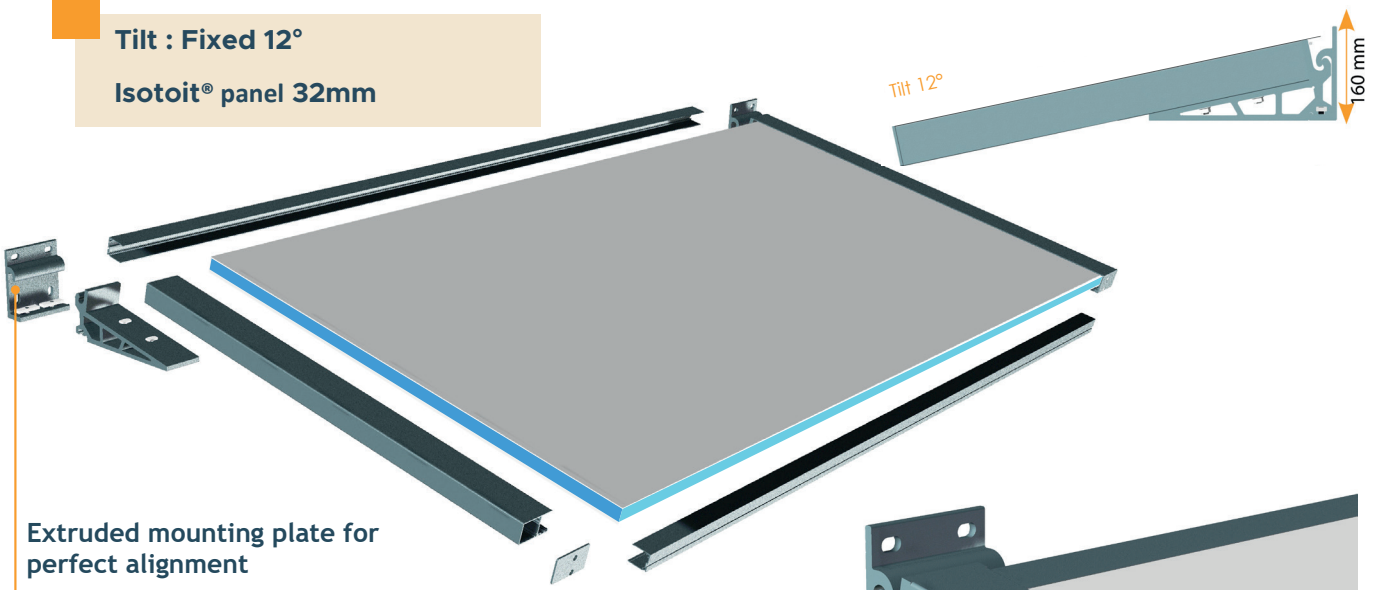
Keep your home cool with the Isotoit® canopy anti-heat!

Summer is just around the corner, but that doesn't mean your house must become a stifling furnace. With our insulated awning, you can say goodbye to the unwanted effects of the sun on your interior.

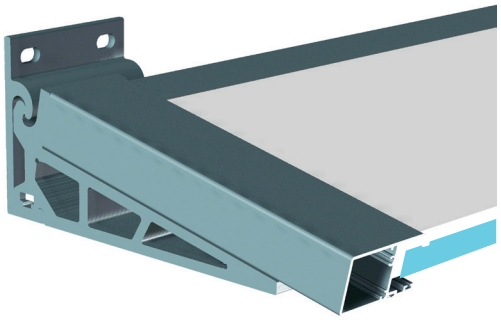
Isotoit® 32mm thickness
Panel width up to 2m
Maximum projection 1m

Tilt : Fixed 12°

Isotoit® panel 32mm



Extruded mounting plate for perfect alignment



Isotoit® - 32mm -
5.5Kg/m², Coeff U 0.84 W/m2K
Dimension 1,20 x 4 m

Panels (Isotoit®) available in:
- white & white (on both sides)
Ral 9010 and Ral 9010
- Anthracite & white (inside)
Ral 7024 and Ral 9010

www.mitjavila.com/our-products/solar-awning-canopy/?lang=en

SUNSHADE CANOPY

The sunshade canopy reduces the impact of the sun on the glass surfaces located below.

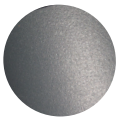
Its fixed slats oriented at 30° provide effective shade. You gain comfort inside the house, the temperature drops without having to resort to air conditioning. A gesture for the planet !

In winter, the orientation allows you to maintain brightness.

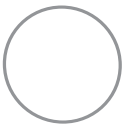
Stainless steel and aluminum structure
Maximum width 2m per module

Tilt : Fixed 0°

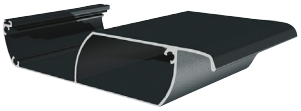
Blade orientation fixed 30°



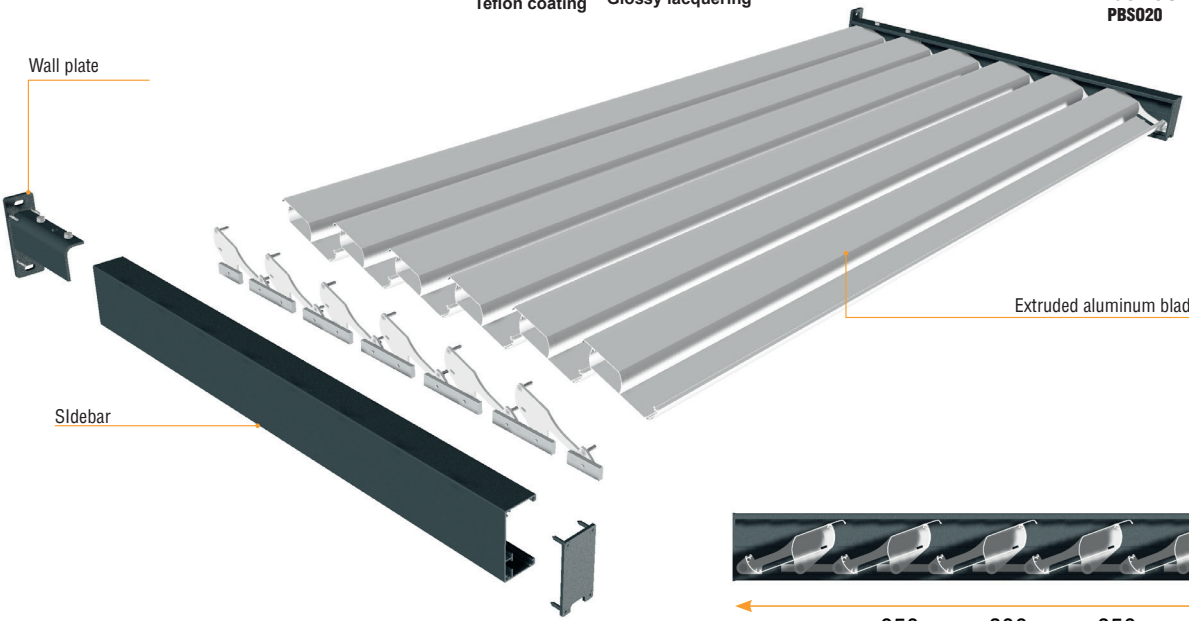
RAL 7016 ANTHRACITE Teflon coating



AL 9010 Glossy lacquering



BSO LUCIA blade
PBS020



650 mm - 800 mm - 950 mm

www.mitjavila.com/our-products/solar-awning-canopy/fixed-awning/?lang=en

BIOCLIMATIC CANOPY

Based on the principle of adjustable slats like bioclimatic pergolas, the bioclimatic canopy offers the advantage of being versatile depending on the season.

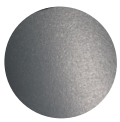
Opening the blades allows you to gain light in winter while their closure guarantees total shade over the bay window in summer.

No more overheating!

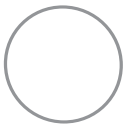
100% aluminum structure
Maximum width 2m per module
Maneuvered by crank

Tilt : Fixed 0°

Blade orientation from 0° to 45°

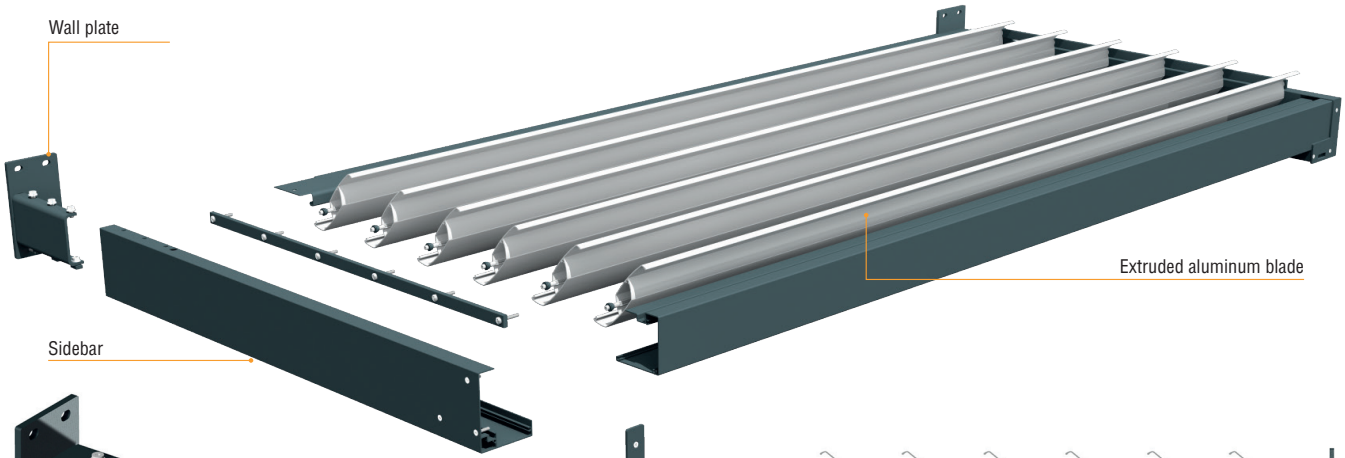


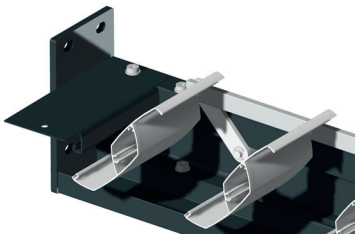
RAL 7016 ANTHRACITE
Teflon coating

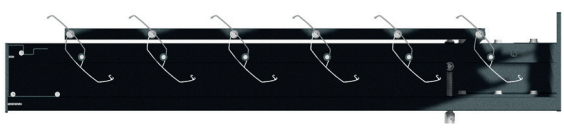


RAL 9010
Glossy lacquering

BSO MATHILDA blade
PBS063







718 mm - 867 mm - 1016 mm

www.mitjavila.com/our-products/solar-awning-canopy/bioclimatic-awning/?lang=en

ELECTRA SOLAR CANOPY

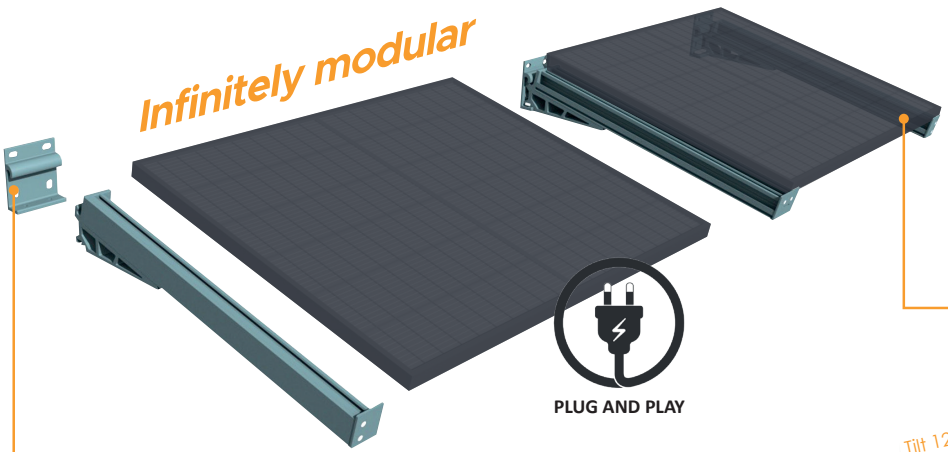
Installing a solar canopy above an opening such as a French window makes it possible to jointly carry out a sunshading function and production.
Green energy.

The solar canopy allows the sun to penetrate in winter (lower rays) and acts as a sun breaker in summer.

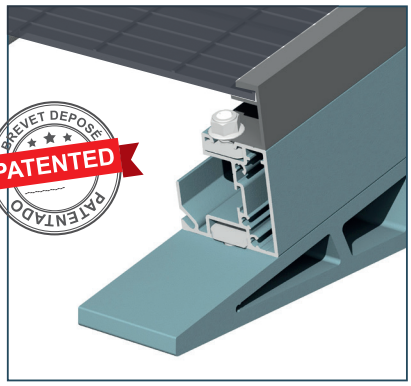
Framed panel structure
Maximum panel width 1150mm
100% aluminum frame and parts
Fixing holes required on the short side.
The complete kit: Frame + Panels
+ Microinverter + Connections + 3kW AC box
Optional: AC box with surge protector and meter.

Tilt : Fixed 12°

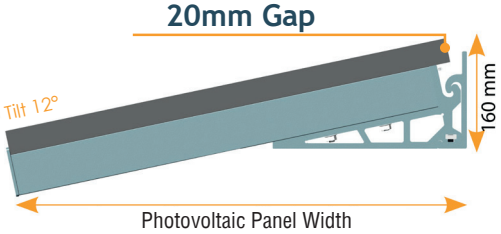
Landscape panel maximum length 1800



Extruded mounting plate for perfect alignment



SYMPLIFIX mounting



CABLE TRAY OPTION

Kit 2 Profiles

LED OPTION On Cable Tray.

Kit 2 Strips Ref: KITLEDFIX2C

www.mitjavila.com/our-products/solar-awning-canopy/solar-panel-awning/?lang=en

ELECTRA SOLAR CANOPY
INDEPENDENT INSTALLATION

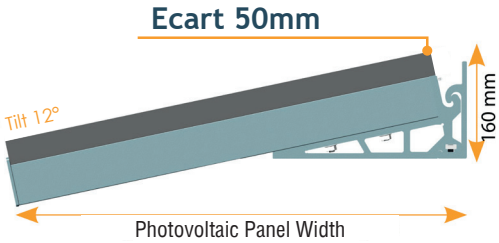
The independent installation of an electra solar canopy offers the possibility of placing the supports according to the holes already present on the long side of the panel. This allows compatibility with all types of framed panels.

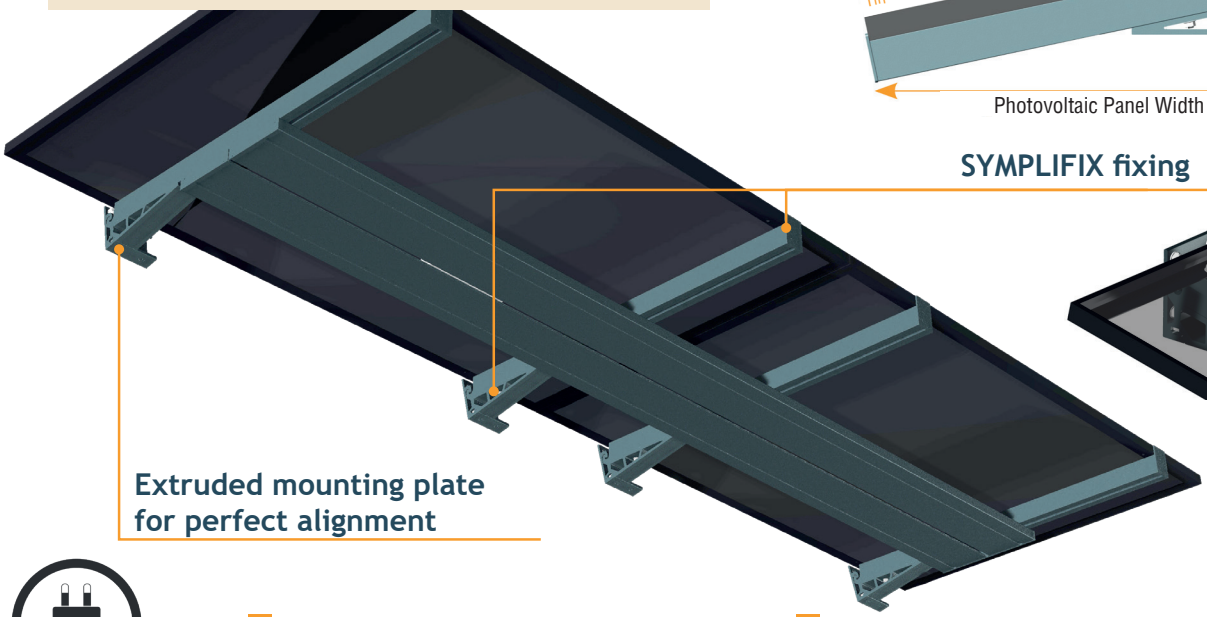
Another advantage is the ability to accommodate panels that require fixing on the long side, allowing the fitting of panels up to a length of 2.2 meters.

Framed panel structure
Maximum panel width 1150mm
100% aluminum frame and parts
The complete kit: Frame + Panels
+ Microinverter + Connections + 3kW AC box
Optional: AC box with surge protector and meter.

Tilt : Fixed 12°

Landscape panel maximum length 2200





PLUG AND PLAY

CABLE TRAY OPTION

Kit 2 Profiles

LED OPTION On Cable Tray.

Kit 2 Strips Ref: KITLEDFIX2C

www.mitjavila.com/our-products/solar-awning-canopy/solar-panel-awning/?lang=en

SOLAR CANOPY CLASSIC LANDSCAPE

This structure is ideal for self-consumption without any intervention on the roof which retains all its integrity.

The aluminum structure of this solar eaves is robust and will withstand severe weather.

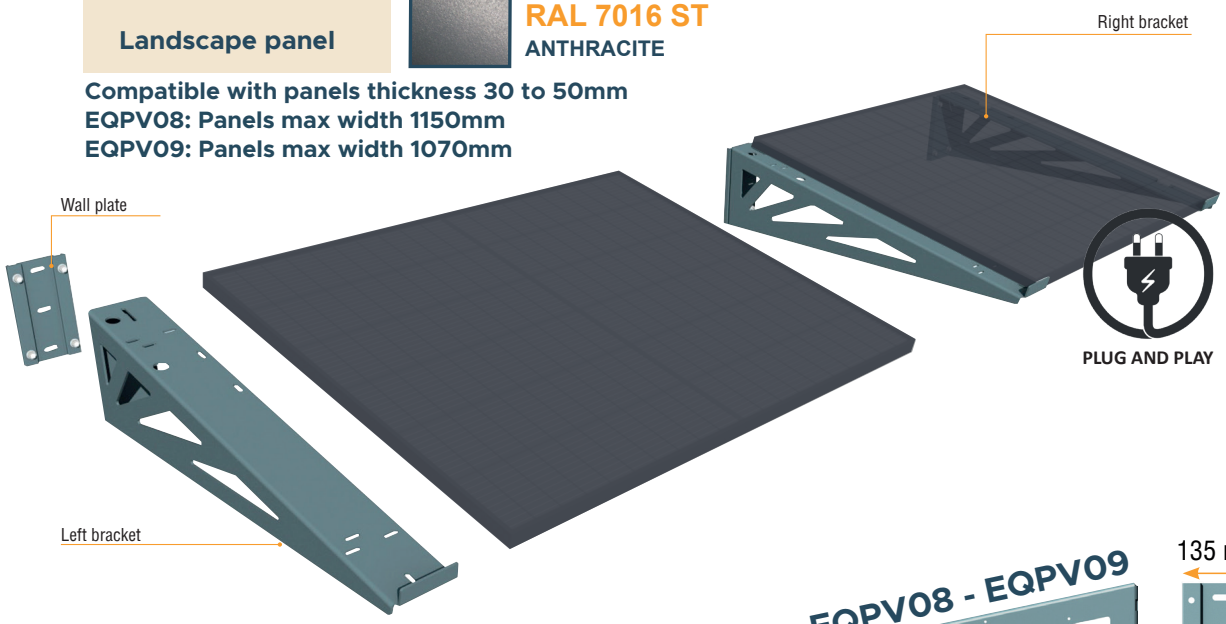
Framed panel structure
100% aluminum frame and parts
Fixing the jumpers from the inside,
the frame must have a return on the short side.
Space on the wall side from 10 to 80 mm depending on the size.
The complete kit: Frame + Panels
+ Microinverter + Connections + 3kW AC box
Optional: AC box with surge protector and meter.

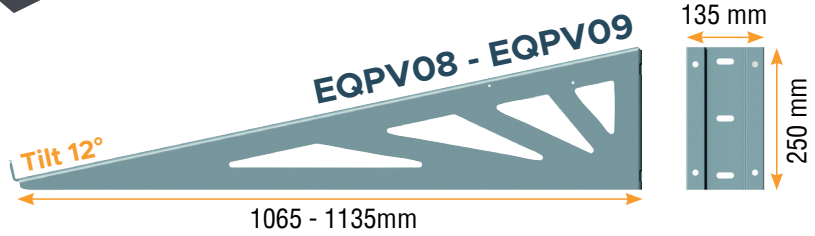
Tilt : Fixed 12°

Landscape panel

STRUCTURE RAL 7016 ST
ANTHRACITE

Compatible with panels thickness 30 to 50mm
EQPV08: Panels max width 1150mm
EQPV09: Panels max width 1070mm





CABLE TRAY OPTION

Kit 1 Profiles

SOLAR CANOPY CLASSIC PORTRAIT

This structure is ideal for self-consumption during the day in buildings tertiary.
It is at the time of offices that the performance of an installation is at its maximum.

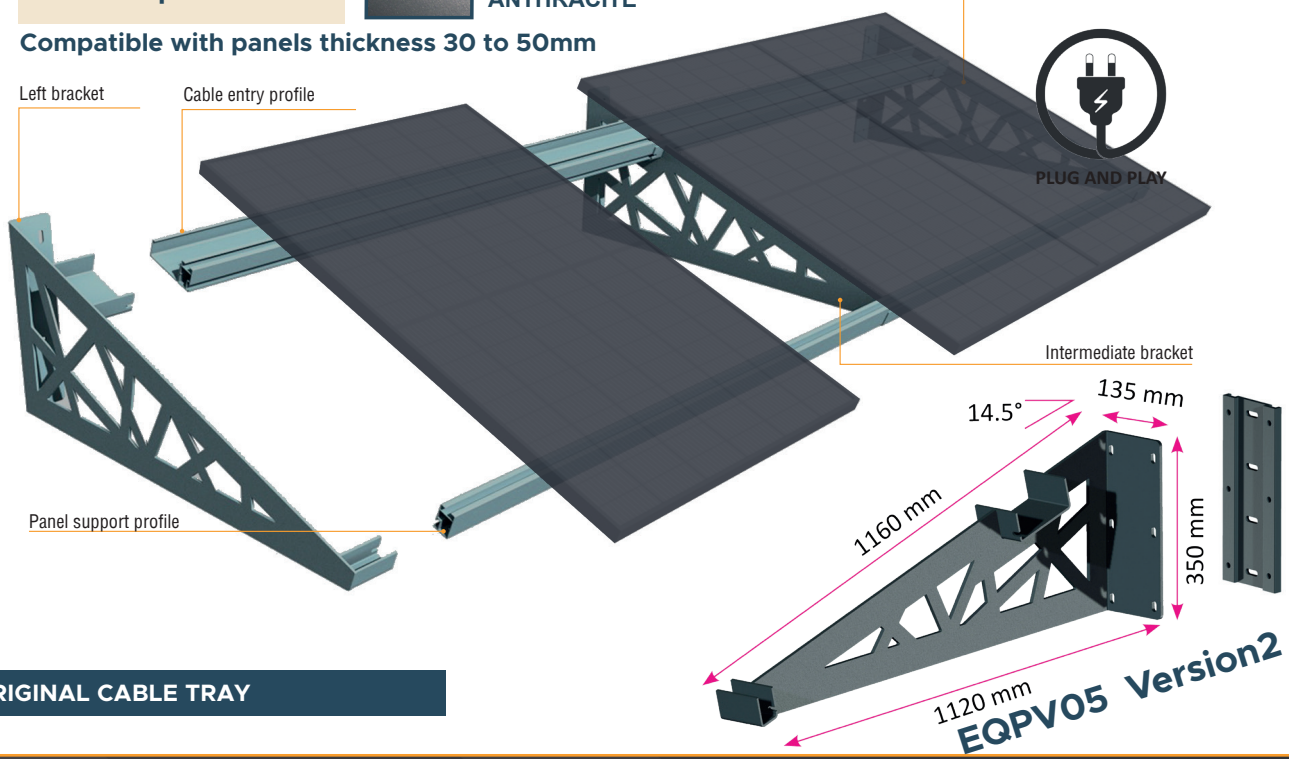
Framed panel structure
Maximum panel length 1800mm
100% aluminum frame and parts
Fixing the jumpers from the inside,
the frame must have a return on the length.
The complete kit: Frame + Panels
+ Microinverter + Connections + 3kW AC box
Optional: AC box with surge protector and meter.

Tilt : Fixed 14.5°

Portrait panel

STRUCTURE RAL 7016 ST
ANTHRACITE

Compatible with panels thickness 30 to 50mm



ORIGINAL CABLE TRAY

www.mitjavila.com/the-solar-awning/?lang=en

The essentials of photovoltaics

Discover self-consumption, a new way of consuming!

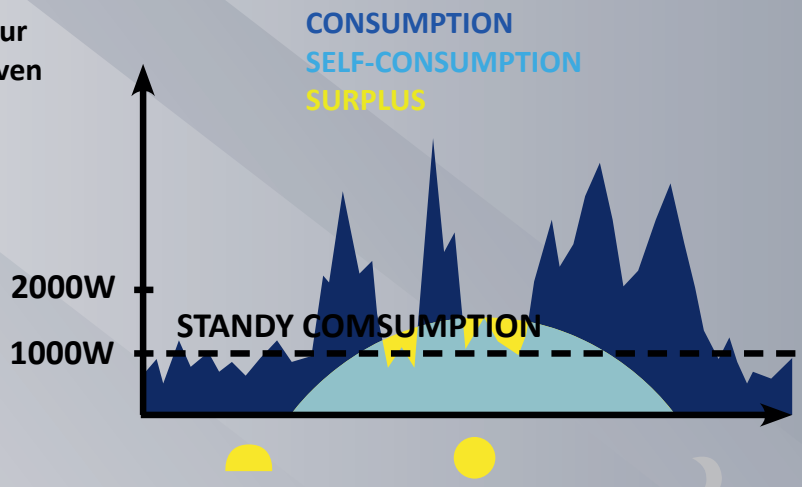
Self-consumption is a solution that allows you to benefit from
take full advantage of your own electricity production.
Thanks to solar panels, you generate electricity and you can consume it instantly, without needing to send it back to the electricity grid.

How it works ?

When the sun shines, your electricity generation system kicks into action, providing you with clean, sustainable energy.
You automatically use this electricity to power your household appliances, your air conditioning, or even recharge your electric vehicle.

Ex: installation of a 4-panel canopy (1600W)
Saving around 20% of its consumption (excluding heating)
85% self-consumption and 15% surplus

If you have a Linky meter, your supplier often puts your consumption curves online.



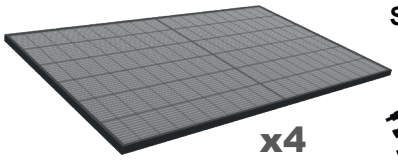
What is the composition of my kit?

Up to 4 panels, connection directly to a dedicated wall outlet.

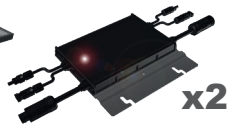
Beyond that, an AC box is added (small electrical panel with meter production) pre-wired with a plug dedicated wall (standard up to 6 panels and special up to 8 panels).

Connection directly to the panel electric possible by a professional RGE in the event of resale of surplus.

PLUG AND PLAY KIT 1600W MAXI
Standard socket (dedicated)



Photovoltaic Panels
400W

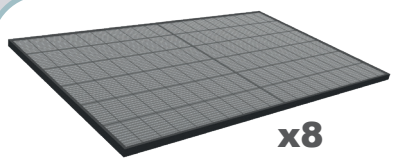


Microinverters
800W

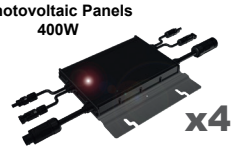
3m cable
F / 16A socket

Connection to a standard 16A dedicated (specialized) socket connected to a 16A mini circuit breaker (minimum 1.5mm² cable)

ECO AC BOX KIT
PLUG AND PLAY
3200W MAX
Special socket (dedicated)



Photovoltaic Panels
400W



Microinverters
800W

3m AC cable
F/F

AC ECO box
30mA differential + 20A circuit

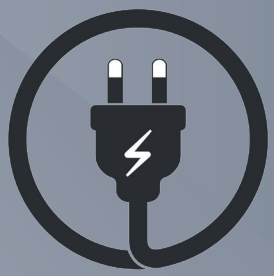
3m cable
F / 20A socket

Connection to a dedicated (specialized) 20A socket connected to a 20A mini circuit breaker (minimum 2.5mm² cable)

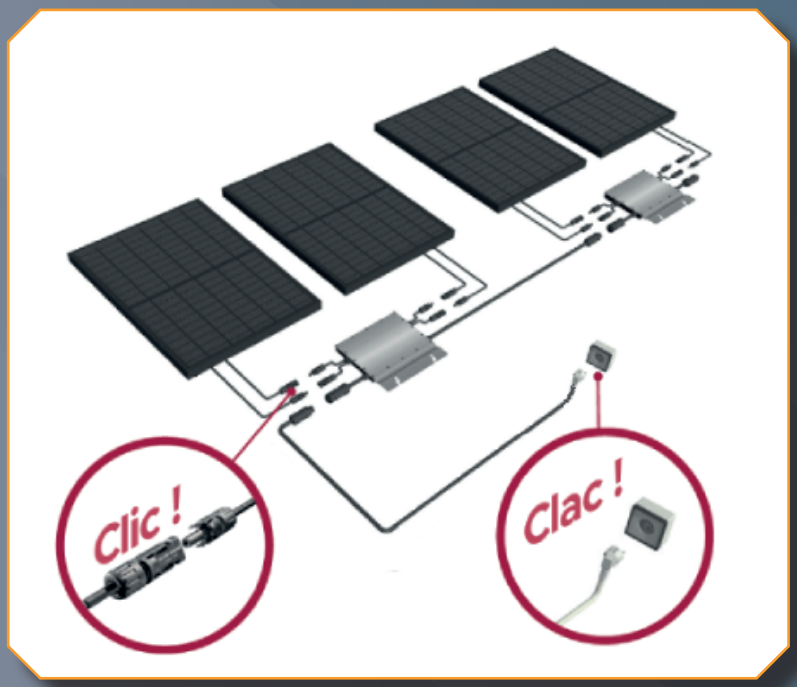
Quick and easy connection!

All our products are “Plug and play”, simply plug into a dedicated household outlet.

Connecting the panels is very simple. 2 panels connect to a microinverter. Microinverters connect online.

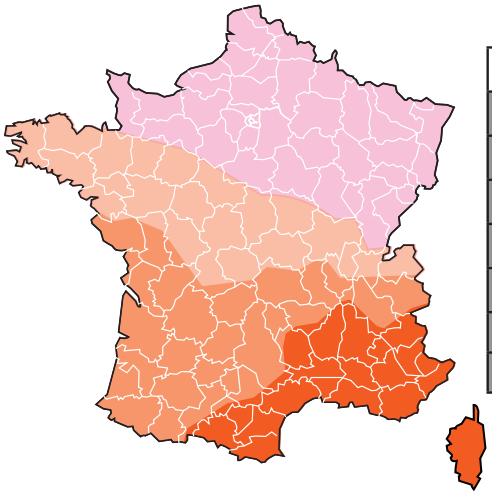


PLUG AND PLAY



How many panels to install?

To determine the number of solar panels to install, you must determine your energy needs: evaluate your minimum electricity consumption during the day (production level) or identify the devices or equipment that you wish to power with solar energy.
Other factors, evaluate the available surface area according to the size and positioning of the panels (landscape or portrait) to ensure that the available space is sufficient.



	Production* of a photovoltaic canopy in kWh/year			
POWER	AREA A	AREA B	AREA C	AREA D
400 W	336	390	428	484
800 W	672	780	856	968
1200 W	1008	1170	1284	1452
1600 W	1344	1560	1712	1936
2000 W	1680	1950	2140	2420
2400 W	2016	2340	2568	2904

*Average value (variable by ±10%)
Roof facing East, South or West without inclination (0°) and without shading.

Find all of our products in our new catalogs.

To download from the dedicated page of our website www.mitjavila.com

GAMME PRODUITS 2023

Pergola Family

Blinds Frames and canvases

Blinds parts detached

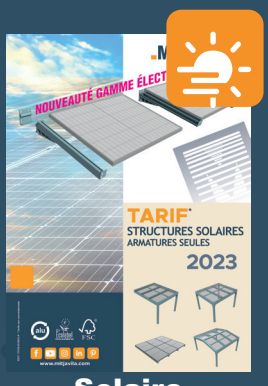
Gate & Fence & Fencing

Blinds Windows (screen)

Tents & shelters

Door shutters & Windows

Rolling Shutters



Solaire Complete

Solar Structure Complete

MITJAVILA