

PVS4

PVS4, Double canopy with integration of 1 RVE points in the forefoot,

Code: EPVD40.

Description

PVingPARK is a solar photovoltaic canopy that allows combining and integrating EV charging systems. This solution allows electricity to be produced when the sun is out, thus covering part of the installation's electricity needs, as well as providing part of the additional power needed to charge the electric vehicles as well. It is a completely modular solution that can be adapted to the number of sockets, length or power in kWp required for each project.

PVingPARK canopies are made the following materials:

- HalfCell monocrystalline modules (120 cells)
- Structure of PVS2 (simple) or PVS4 (dual) canopies
- Network-connected PV inverters

Additionally, the solution can be supplemented with electric panels. These panels include safeguards for both the DC part (StringBox) and the AC safeguards (CombinerBox)

This system offers the following advantages:

- Reduction in energy consumed from the electrical network
- Protection for outdoor car parks
- Charging points for electric vehicles integrated into the structure of the canopy
- Reduced atmospheric CO 2 emissions

Additionally, CIRCUTOR can develop larger, tailor-made solution

Application

- Electric vehicle charging with back-up solar generation
- Photovoltaic installations in buildings with no usable roof space to install conventional photovoltaic panels
- Instant self-consumption, perfect primarily for daytime consumption, such as in offices, industries, shopping centres, charging stations, public infrastructures, etc.



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Solar canopies for instant self-consumption and electric vehicle recharging integration

Code: EPVD40.

Specifications

Características Base

Grado protección	C5
Material	S355J2+N – GALVANIZADO EN CALIENTE
Medidas	1060 x 315 x 500 mm
Peso	121 kg

Características Pie

Espesor chapa	4 mm
Grado protección	C5
Material	S350GD+ZM310
Medidas	985 x 3083 x 260 mm
Peso	220 kg
Separación pies	Protected environments: 7.5 m (3 Spaces)Open environments: 5 m (2 Spaces)

Características Vela

Espesor chapa	4 mm
Grado inclinación	7°
Grado protección	C5
Material	S350GD+ZM310
Medidas	775 x 9896 x 250 mm
Peso	450 kg

Features / performance

Additional	Waterproofing Internal wiring Aesthetic impact Mounting service Power 3kWp/place
Optional	2 Recharge points per pillar Integration of inverter and protections inside pillar Paint: Option 1: Base + Pillar Option 2: Base + Pillar + Beam

Standards

Standards	European: Eurocode: 0, 1 and 3 Spanish: CÓDIGO TÉCNICO DE LA EDIFICACION: DB-SE-SE, DB-SE-AE, DB-SE-A.

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PVS
Solar canopies for instant self-consumption and electric vehicle recharging integration

CODE	TYPE	Description
Single solar canopy		
EPVS20.	PVS2	Simple canopy with integration of 2 RVE points in the forefoot
PVS4, Double solar canopy		
EPVD40.	PVS4	Double canopy with integration of 1 RVE points in the forefoot

The PVingPARK canopy references include the following components:

HalfCell monocrystalline modules (120)
PVS2, PVS4 type canopy structure
PV inverter/s

The PVingPARK KITS can be additionally completed with two types of electrical panels that include both the protective devices for the DC part (StringBox) and the AC part at the inverter outlet (CombinerBox):

Protection panels and iPV-Monitor

StringBox TR (Includes TRH16 and M/TR modules for current measure)
CombinerBox PV (Includes CVM-E3-MINI analyzer and iPV-Monitor)
Environmental sensors (radiation and plate/ambient temperature)

PVS2/PVS4 canopies compatible with RVE WallBox Circutor charging points (up to a charging point integrated in the front at the canopy foot).
It includes the price of the template and the RAL paint at the customer's request.
DELIVERY NOT INCLUDED

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