

KIT FV 1.5-S-PRO

KIT-CDP 1,5-S-PRO

Code: E5K012. **DESCATALOGADO**

> kit instantaneous self-consumption
> PV power (kWp): 1.8
> Inverters power (kW): 1.5
> TOTAL power (kW): 1.5
> Grid type: Single-phase 230V
> Nr inverters: 1

Description

PV KITS are designed to meet the needs of those customers who have to set up a self-consumption photovoltaic energy installation for a certain level of power, but do not know all of the elements that they need. With these kits, the user will be safe in the knowledge that these elements have been correctly selected and sized for their installation. **PV KITS** are compatible with and can incorporate **CDP** (Dynamic Power Controller) systems, which ensure 0 grid injection and come with the certificates that help to obtain legal authorisation for the installation. The kits comprise the following material:

- Photovoltaic modules (adapted to the power of each reference)
- Support structures to secure the photovoltaic modules to any type of roof
- Grid connection photovoltaic inverters.

Optionally, all KITS can be installed with the respective **CDP** protection and control electric panels. These panels include the protection elements for the DC side (**StringBox**) and the AC protection elements (**CombinerBox**), in addition to the control units:

- **CDP-DUO** (dynamic power controller for 0 injection).
- **CVM-MINI** power analyser (in case of three-phase installation)
- **MC** current measurement transformer.

The main advantages of these kits are:

- CIRCUTOR warranty for the whole kit
- Documentation, diagrams and technical assistance for all components.
- Reduction of the logistics chain and number of suppliers for each installation (1 supplier for the whole site instead of 1 supplier per component)
- Dimensioning study according to the user's consumption profile (modules, inverter, protections and structure)
- Solutions for all needs (more than 30 references to choose from)
- The electric panels facilitate the installation and reduce assembly time
- Monitoring with web server

Application

Ideal for homes, offices, factories and any other type of building with daily consumption.



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Specifications

FV KITS (tariff) are supplied with the following:
335 Wp HalfCell monocrystalline modules (120)
Secondary support structure
Inverter(s)

The FV 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):

CDP Protection and control panels

StringBox
CombinerBox CDP (includes CDP-DUO and CVM-MINI analyser)

CDP Protection and control and PV-Monitor-M monitoring panels

StringBox TR (includes TRH16 and M/TR current measuring modules)
CombinerBox PV (includes CDP-DUO, CVM-Mini analyser and PV-Monitor-M)
Environmental sensors (radiation and temperature panels/ambient)

The type of support structures must be specified in order to accept a PV KIT order.
If the electrical protection panels are also supplied with the PV KIT, the MC current transformers must be specified.
DELIVERY NOT INCLUDED OUTSIDE MAINLAND SPAIN

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Connections