



Data sheet

Simply Better IROC® FL X for Ground-Mounted PV Systems

The IROC® FL X Substructure is the ideal solution for small to medium-sized ground-mounted photovoltaic systems. Thanks to the specially developed and reliable micro-pile system, IROC® FL X does not require large and expensive equipment for installation on open fields. This makes IROC® FL X more cost-effective than conventional ground-mounted systems and also preserves the soil, as no concrete foundations are needed for ballasting. The IROC® FL X mounting system is delivered as a convenient set. Additionally, the system is quick and easy to install due to pre-assembled components. The installed solar tables are easily accessible, ensuring fast and safe maintenance. A soil survey is not necessarily required before installing the IROC® FL X system. Test piling can be carried out on-site during installation.

Advantages:

- ✓ **Optimized for all types of soil**
- ✓ **Fixing is done using a perforator and avoid the presence of construction machinery and concrete work**
- ✓ **The impact on the ground is limited**
- ✓ **Tables can be laid with foundations concrete tie beams**
- ✓ **The carbon footprint is reduced. Materials are recyclable and reusable**
- ✓ **Designed and manufactured in Europe**

Project design

Eurocode calculation of the structure according to the geographic area

Weather resistance

Cyclonic zone suitable

Foundations

Anchoring of the foot of the post with 4 tubes of diameter 22mm and length 1.5m. Variable length according to the soil study.

Installation area

On the standard model, the modules are held by 2 parallel rails, depending on the geographical area, a 3rd rail can be installed.

Alignment

The tables follow the natural slope of the ground. Optional heightener can be provided to align them.

Material

Steel + ZM310

Module size

Suitable for all types of modules. Max length max: 2300 mm. Max width = 1140 mm

Modules tilt

14° or 18° approx

Product guarantee

10 years

