



Proa's **MicroMet** weather station was specifically developed for commercial scale solar systems (300kW – 2MW). Some use cases include:

- Monitoring of performance guarantees for commercial PV systems.
- Integration in Building Energy Management Systems.
- Environmental and hazardous weather monitoring.

The **MicroMet** is equipped with scientific-grade sensors and Proa's IP owned unique features.

They can be integrated with SCADA via Modbus and can be customised for almost any type of communication protocol.



Reliable

Robust

Smart Operation

Accurate

Common Measurements

- Global Horizontal Irradiance
- Ambient Temperature
- Wind Direction
- Precipitation Type
- Relative Humidity
- Wind Speed
- Precipitation Quantity
- Atmospheric Pressure

Unique Features



MetProtect

Bird Deterrent & Self-Cleaning System

Birds can cause sudden and unpredictable soiling on sensors that would make irradiance measurements unusable.

Proa's MetProtect system actively detects and deters them by the activation of a mechanical device, avoiding unwanted traces on the sensors.

An automatic self-cleaning system using demineralized water is activated between sunset and sunrise, avoiding the need for human intervention.

The MetProtect is supplied as an optional feature.

Plug & Play

The **MicroMet** has a proven track record of making rooftop installations easier, with its robust and versatile structure.

It is supplied with all electronics and communications cables pre-assembled on an IP66 rated electric cabinet, for a quick deployment and integration with multiple SCADA systems.

The **MicroMet** comes with access to an intuitive dashboard for remote data monitoring. Users will have the capacity to visualise multiple parameters of different assets in a portfolio.

