GET THE BANKABLE DATA YOU NEED for Monitoring and Maintenance!

The PVmet™ weather station provides strategic environmental data that significantly increases the value of any on-site monitoring system. This fully assembled station allows for rapid out-of-the-box installation and simple hook up with standard Modbus RTU interface.

Maximize PV Output with Informed Efficiency Monitoring

Leading inverter and monitoring companies have chosen RainWise as the #1 provider of meteorological stations due to our proven reliability, easy deployment and accurate data. The RainWise PVmet™ family of weather stations offers a powerful add-on to any solar plant monitoring system. Featuring accurate sensors and standard communication integration, the PVmet™ is an economical addition to insure the highest PV panel output. Standard models come fully assembled, are easy to install and are fully operational in a matter of minutes. Every model of PVmet™ offers:

- **Efficient Operation**
  - Comes fully assembled, easy set-up
  - Accurate weather sensors for efficiency monitoring
  - Operates over a broad range of temperatures

- **Rugged, Compact Design**
  - Durable & weather resistant
  - Ultra-violet inhibited
  - Stainless steel hardware
  - Optional add-on sensors
  - 2 year warranty

- **Multiple Communication Protocols**
  - Most models SunSpec certified or compliant
  - Simple integration via Modbus RTU interface using RS-485
PVmet-75  
**Low Cost Entry Level Model**
- Top quality Irradiance Sensor made by RainWise can be configured for either Global or Plane-of-Array monitoring
- 1 or 2 x Back-of-PV Panel Temp Sensor(s)
- Ambient Air Temperature Sensor
- Modbus RTU Communication
- Ethernet Modbus TCP option available
- SunSpec Compatible

PVmet-100  
**Standard Model with Adjustable Irradiance Monitoring**
- Adjustable Irradiance Sensor for Global or Plane-of-Array monitoring
- 1 or 2 x Back-of-PV Panel Temp Sensor(s)
- Ambient Air Temperature Sensor
- Modbus RTU Communication
- Ethernet Modbus TCP option available
- SunSpec Compatible

PVmet-200  
**Most Popular Commercial Model, Over 2000 Sold**
- Global Irradiance Sensor
- Plane-of-Array Irradiance Sensor
- 1 or 2 x Back-of-PV Panel Temp Sensor(s)
- Ambient Air Temperature Sensor
- Wind Speed Sensor
- Wind Direction Sensor
- Modbus RTU Communication
- Ethernet Modbus TCP option available
- SunSpec Certified

PVmet-200 US  
**Upgraded Anemometer with Ultra Sonic Technology**
- All the same great features as the PVmet 200 PLUS:
  - Upgraded with a high precision Ultrasonic Anemometer for wind speed & direction. The Ultra Sonic Sensor has no moving parts which enhances sensor durability & practically eliminates maintenance. Marine grade corrosion free construction.
- Modbus RTU Communication
- Ethernet Modbus TCP option available
- SunSpec Compatible

PVmet-330  
**Commercial Model with All Weather Data**
- Global Solar Irradiance Sensor
- Optional Plane of Array Irradiance Sensor
- 1 or 2 x Back-of-PV Panel Temp Sensor(s)
- Ambient Air Temperature Sensor
- Wind Speed Sensor
- Wind Direction Sensor
- Relative Humidity Sensor
- Barometric Pressure Sensor
- Precipitation Sensor
- Modbus RTU Communication
- Ethernet Modbus TCP option available
- SunSpec Certified

PVmet-150  
**Thermopile Precision, Adjustable Irradiance Sensor**
- Comes with superior WMO 2nd Class Thermopile Pyranometer. Upgradeable to 1st Class or Secondary Standard Thermopile Pyranometer. All pyranometers meet ISO 9060:1990 standards
- Adjustable Solar Irradiance Sensor for Global or Plane-of-Array monitoring
- Can support a second Thermopile Pyranometer for comprehensive irradiance monitoring
- 1 or 2 x Back-of-PV Panel Temp Sensor(s)
- Ambient Air Temperature Sensor
- Modbus RTU Communication
- Ethernet Modbus TCP option available
- SunSpec Certified

PVmet-150/200 Combo  
**Thermopile Precision Irradiance Sensors with Addition of Wind Speed and Direction**
- 2 x Adjustable Thermopile Sensors for Global or Plane-of-Array monitoring. Includes 2 x fully adjustable Mounting Brackets with leveling screws.
- Comes with superior WMO 2nd Class Thermopile Pyranometer. Upgradeable to 1st Class or Secondary Standard Thermopile Pyranometer. All pyranometers meet ISO 9060:1990 standards
- 1 or 2 x Back-of-PV Panel Temp Sensor(s)
- Wind Speed Sensor
- Wind Direction Sensor
- Ambient Air Temperature Sensor
- Optional upgrade to an Ultra Sonic Anemometer
- Modbus RTU Communication
- Ethernet Modbus TCP option available
- SunSpec Certified