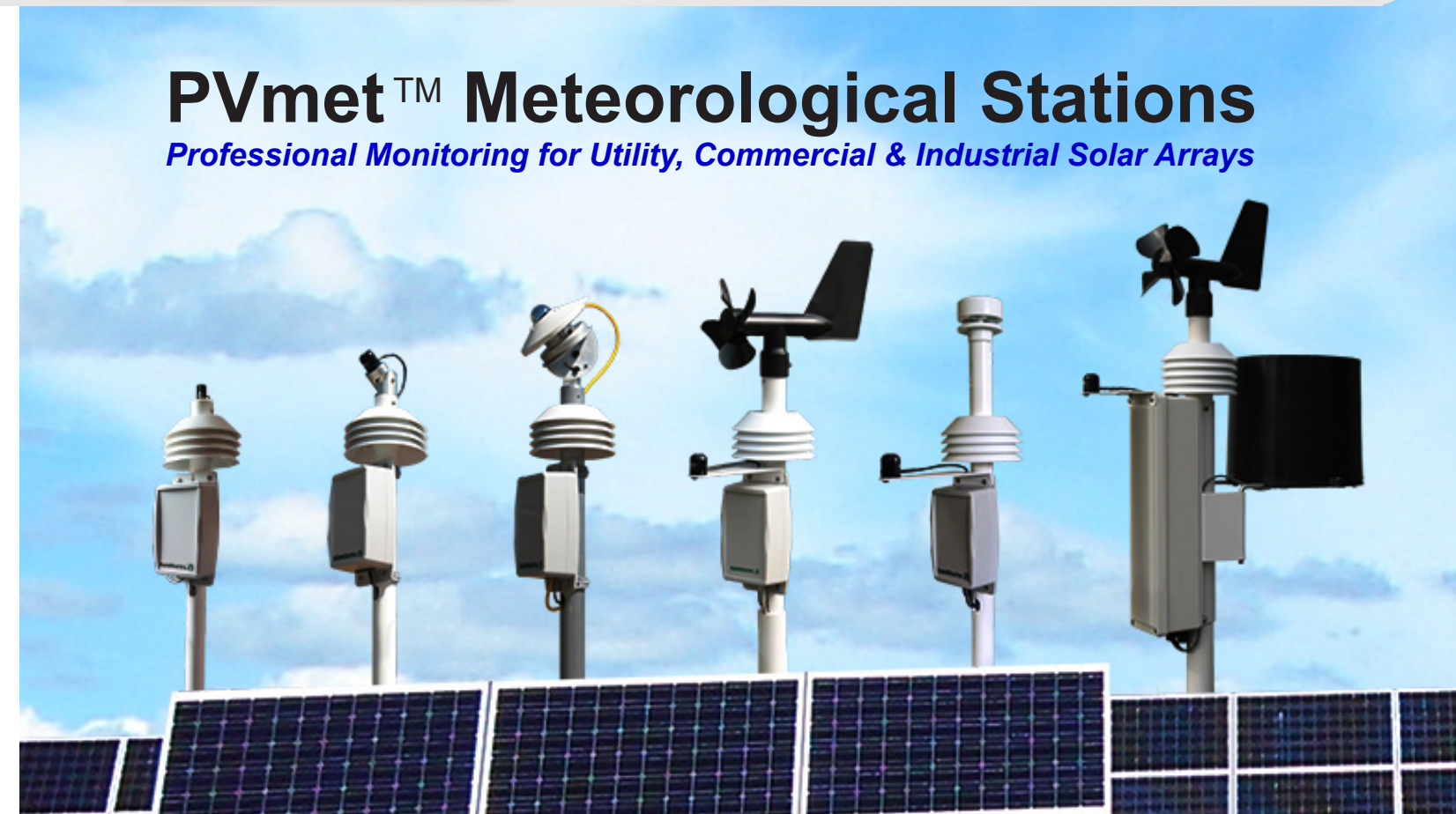
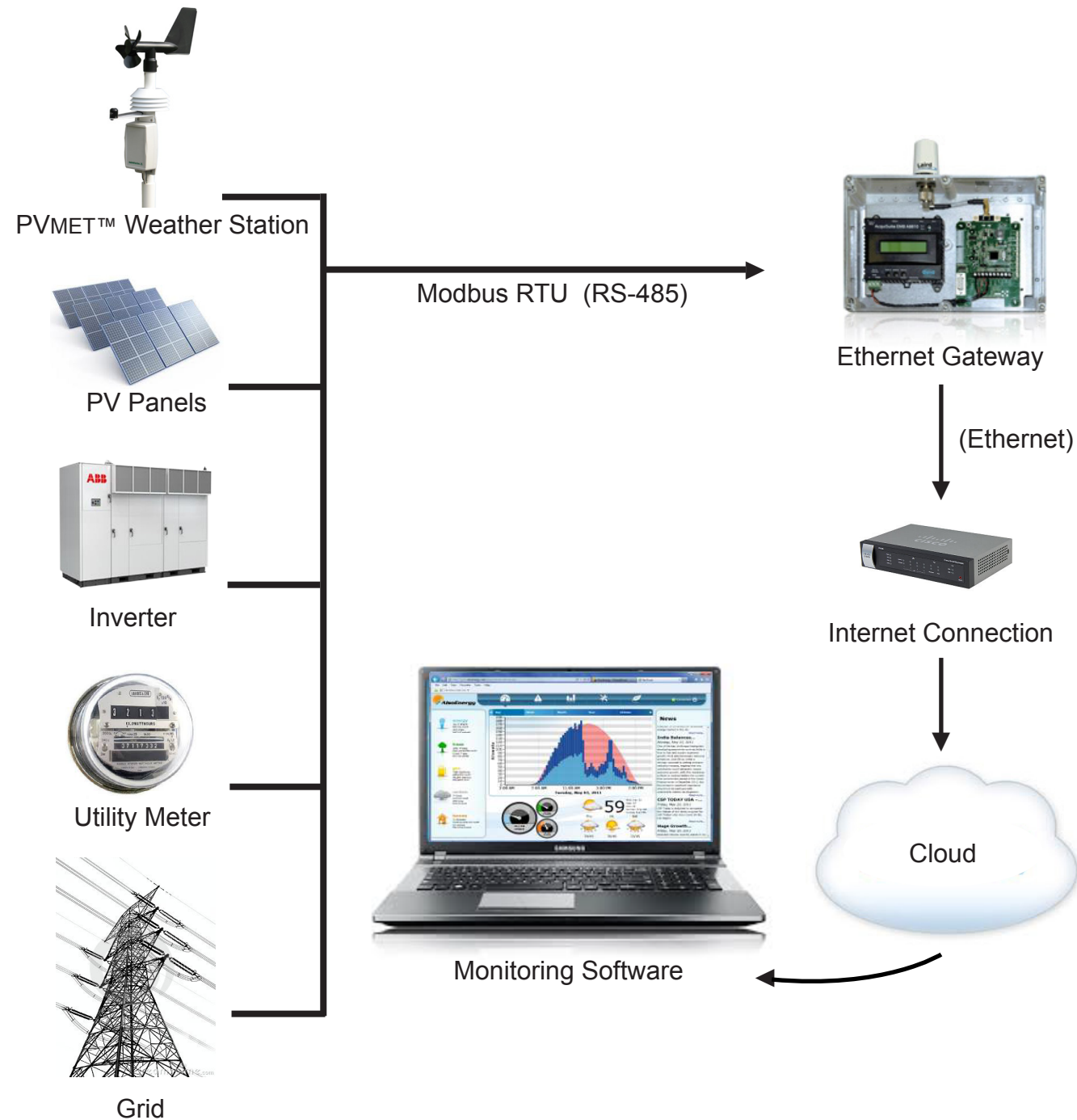


# GET THE BANKABLE DATA YOU NEED

*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.



# PVmet™ Meteorological Stations

*Professional Monitoring for Utility, Commercial & Industrial Solar Arrays*

## 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 Certified

## 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 PV 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 Compatibility Pending

## 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