PVMet™ 150

The PVMet 150 offers a choice of up to two Class A, B, or C thermopile pyranometers for optimal performance alongside an adjustable Global or Plane-of-Array Irradiance Sensor, up to two Back-of-PV Panel Temperature Sensor(s), an Ambient Air Temperature Sensor and the option for an additional Irradiance Sensor. Simple to install on any solar project, the PVMet 150 connects to Modbus RTU Communication with an Ethernet TCP option available. Ships fully assembled and factory calibrated.

SPECS

Power Specifications	
Power Requirements	10 to 30VDC at less than 50mA
Operating Environment	
Temperature	-40°C to 60°C (-40 to 140°F)
Relative Humidity	0-100% Condensing F
Irradiance Sensor	
Choice of Class (up to two)	Class A, B or C Thermopile Pyranometer
Ambient Air Temperature Sensor	
Range	-40 to 80°C (-40 to 176°F)
Accuracy	+/- 0.3°C (0.54°F)
Thermal Time Constant	30 sec.
Resolution	0.1°C
Back of Module (BOM) Temperature Sensors	
Range	-40 to 80°C (-40 to 176°F)
Accuracy	+/- 0.3°C (0.54°F)
Thermal Time Constant	270 sec.
Cable Length	7.62m (25 ft)
Resolution	0.1°C
RS-485/422 Serial Port	
Mode	2-wire half duplex
Connector	4-position screw terminal
Max Speed	9600 bps
Termination	120 ohms (internal jumper enable)

2 YEAR WARRANTY

- Class A, B or C Thermopile Pyranometer
- Ambient Air Temperature Sensor
- Up to 2 Back of Panel Temperature Sensors
- Fully Assembled
- SunSpec Compliant
- Factory Tested
- Easy Installation

Transform weather uncertainty into operational confidence with the accuracy and reliability of RainWise. Request a Quote Today!

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RainWise®

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