

## Specifications

## PVmet™ –330

**Power Requirements**

10 to 30 VDC at 50mA

**Operating Environment**

Temperature: - 40° to 60°C (- 40° to 140°F)  
 Relative Humidity: 0-100%, Condensing

**Global and Plane-of-Array (POA) Irradiance Sensors**

Sensor Range: 0 to 1750 W/m<sup>2</sup>  
 Accuracy: +/-5%  
 Cosine Response 45°: +/-1%  
 Cosine Response 75°: +/-5%  
 Operational Temperature: - 25° to 55°C (-13° to 131°F)  
 Resolution: 1W/m<sup>2</sup>

**Ambient Air Temperature Sensor**

Range: - 40° to 80°C (- 40° to 176°F)  
 Accuracy: +/- 0.3°C (.54°F)  
 Thermal Time Constant: 30 sec.  
 Resolution: 0.1°C

**Anemometer****Speed**

Range: 0 to 67 m/s  
 Accuracy: Greater of 0.45 m/s or 5%  
 Resolution: 1 m/s  
 Threshold: 0.45 m/s at a 10% Deflection

**Direction**

Range: 360°, No Deadband  
 Accuracy: +/- 11.25°  
 Resolution: 22.5°

**Relative Humidity**

Range: 0 to 100%  
 Accuracy: +/- 5%  
 Resolution: 1%

**Barometric Pressure**

Range: 552 to 1084 hPa (mbar)  
 Accuracy: +/- 1.7 hPa (mbar)  
 Resolution: 1 hPa (mbar)

**Precipitation**

Range: 0 mm/hr to 762 mm/hr  
 Accuracy: +/- 2% at 25.4 mm/hr  
 Resolution: 0.254 mm

**Materials**

Polyvinyl Chloride, Acrylonitrile Butadiene Styrene, Fiberglass, Stainless Steel, Powder Coated Aluminum, Polypropylene, Lexan®, Makrolon® 2658.

**Electronics**

RoHS Compliant

**Seal Lead Acid Battery**

RoHS Exempt

**Physical**

Packaged Dimensions: 91.44cm x 50.8 cm x 33.02 cm (36" x 20" x 13")  
 Packaged Weight: 9.07 kg (20 lbs.)

**Warranty**

2 Years