

**Power Requirements**

10 to 30 VDC at 50mA

**Operating Environment**Temperature: - 40° to 60°C (- 40° to 140°F)  
Relative Humidity: 0-100%, Condensing**Irradiance Sensor**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: 1 W/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**Back of Module (BOM) Temperature Sensors:**Range: - 40° to 80°C(- 40° to 176°F)  
Accuracy: +/- 0.3°C (.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 ( A(-), B(+), Signal and Earth Ground)  
Max Speed: 9600 Baud  
Termination: 120 ohms (Internal Jumper Enable)**Materials**

Polyvinyl Chloride, Acrylonitrile Butadiene Styrene, Stainless Steel, Anodized Aluminum, Lexan®, Delrin

**Electronics:**

Lead-free RoHS Compliant

**Physical:**Packaged Dimensions: 58.42cm x 25.4cm x 20.32cm (23" x 10" x 8")  
Packaged Weight: 2.26kg (5 lbs.)**Warranty**

2 Years