



## 1. TECHNICAL SPECIFICATIONS

Accuracy referred @ STC condition (1000W/m<sup>2</sup>, 25°C, AM=1.5)

### Irradiation measurement

Range [W/m <sup>2</sup> ]	Accuracy
5 ÷ 100	±(3.0%reading + 5W/m <sup>2</sup> )
101 ÷ 1400	±3.0%reading

Sensitivity: 20µV/W/m<sup>2</sup> + 28.6 µV/W/m<sup>20</sup>

## 2. GENERAL SPECIFICATIONS

### Reference guidelines

EMC:	IEC/EN61326-1
Technical literature:	IEC/EN61187
Calibration:	IEC/EN60904-2
Pollution degree:	2

### Electrical characteristics

Type of photovoltaic cell:	Monocrystalline
Internal temperature sensor:	PT1000
Visual range:	≥160°
Output connector:	<b>3-pole</b> HT custom connector
Length of output cable:	approx. 2m

### Mechanical characteristics

Dimensions (L x W x H):	111 x 85 x 28mm (4 x 3 x 1in)
Weight (with connection cable):	240g (8ounces)
Mechanical protection:	IP65 in compliance with IEC/EN 60529

### Environmental conditions of use

Operating temperature:	-20°C ÷ 70°C (-4°F ÷ 158°F)
Operating humidity:	<95%RH (10°C÷30°C) no condensation <75%RH (30°C÷40°C) no condensation <55%RH (40°C÷50°C) no condensation
Max height of use:	2000m (6562ft)

**This accessory complies with European Directive EMC 2014/30/EU  
This accessory satisfies the requirements of European Directive 2011/65/EU (RoHS) and  
2012/19/EU (WEEE)**