

1. TECHNICAL SPECIFICATIONS

Accuracy referred @ STC condition (1000W/m², 25°C, AM=1.5)

Irradiation measurement

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

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:	5-pole 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:	IP67 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)

