

# WE300 Solar Radiation Sensor

Rugged Solar Radiation Transmitter



## Features

- Accurate 4-20 mA output
- Marine grade cable with strain relief
- Precision mounting equipment included

## Description

Global Water's WE300 Solar Radiation Sensor is a precision pyranometer that uses a high stability silicon photovoltaic detector (blue enhanced) to obtain accurate readings. The WE300 includes a bubble level, leveling screws, and mounting hardware for a quality installation. The sensor is attached to electronics by 10' of cable, and the electronics are attached to 25' of marine grade cable, with lengths up to 500' available. To ensure moisture protection, you can enclose the sensor and electronics in a protective housing. The sensor's output is 4-20 mA with a two wire configuration.

## Specifications

Detector	High-stability silicon photovoltaic detector (blue enhanced)
Output	4-20 mA
Range	0 to 1500W/m <sup>2</sup>
Spectral Response	400 to 1100 nm
Accuracy	± 1% full scale
Operating Voltage	10 to 36 VDC
Current Draw	Same as sensor output
Warm-up Time	3 seconds minimum
Operating Temperature	-40° to +55°C
Sensor Size	3" dia. x 1 1/2" long (7.6 cm dia. x 3.8 cm long)
Weight	0.25 lb (114 g)

## Ordering & Options

Order No.	Description
WE300	Solar Radiation Sensor (includes 25' cable)
WQEXC	Extra Sensor Cable, per foot (up to 500')



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