



## Overview

Our ET107 ETo station consists of meteorological sensors, an aluminium 3 m pole, and an environmental enclosure that houses a CR1000M module and a 7 Ahr sealed rechargeable

battery. The battery is recharged via an ac transformer or a 10 W solar panel. Sealed circular connectors are provided on the outside of the enclosure to simplify sensor hookup.

## Benefits and Features

- › Monitors temperature, relative humidity, wind speed and direction, solar radiation, and precipitation
- › Automatically calculates potential evapotranspiration (ETo)
- › Accurate measurements you can rely on
- › Pre-configured with some pre-assembly for easy installation
- › Rugged, low-power design for long-term, reliable operation
- › Looks great and fits well in public settings
- › Multiple sensor and communication options

## Technical Description

Our ET107 ETo station consists of meteorological sensors, an aluminium 3-m pole, and an environmental enclosure that houses a CR1000M module and a 7-Ahr sealed rechargeable battery. The battery is recharged via ac power or a 10-W solar panel. Sealed circular connectors are provided on the outside of the enclosure to simplify sensor hookup.

Meteorological sensors included with the ET107 are the CS305-ET Solar Radiation Sensor, HMP60-ETS Air Temperature and Relative Humidity Probe, TE525-ET Tipping

Bucket Rain Gauge, and either the 034B-ETM Wind Set or WindSonic1-ETM 2-D Sonic Wind Sensor.

The ET107 can also measure the:

- › 107-LC Soil Temperature Probe (-35° to +50°C)
- › 108-LC Soil Temperature Probe (-5° to +95°C)
- › CS616-LC Soil Water Content Reflectometer
- › CS650-LC 30 cm Water Content Reflectometer Plus
- › CS655-LC 15 cm Water Content Reflectometer Plus



## Specifications

-NOTE-

*The ET107 has components that have their own specifications.*

*To review these specifications, refer to the appropriate products below:*

- › *CR1000 Measurement and Control Datalogger*
- › *CS305-ET Solar Radiation Sensor for ET107 Stations*

- › *HMP60-ETS Temperature/RH Probe for ET Station*
- › *TE525-ET Rain Gage for ET Station*
- › *034B-ET Wind Set for ET Station*
- › *WindSonic1-ET 2-D Sonic Wind Sensor with RS-232 Output for ET107 Station*

For comprehensive details, visit: [www.campbellsci.eu/et107](http://www.campbellsci.eu/et107) 



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