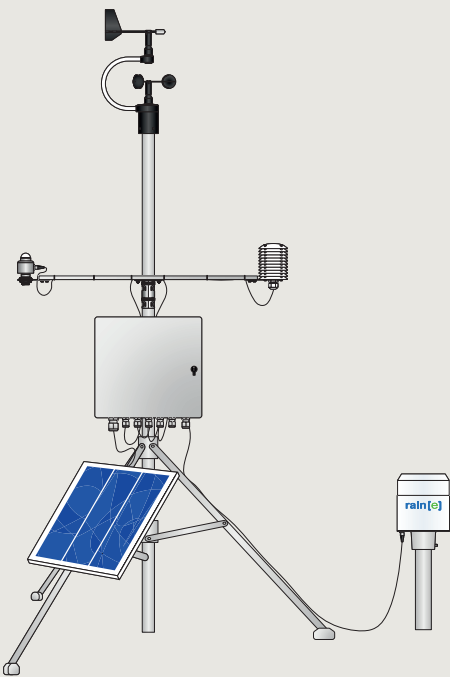


# Ascend Weather Station - Solar



## Self-contained automatic weather station with solar energy

### MONITORING IN REAL TIME, USING SUSTAINABLE ENERGY

Climate change is increasing the frequency of extreme weather events. Accurate and timely weather monitoring data is required to provide timely alerts for approaching storms and carry out longterm studies that increase weather preparedness. LAMBRECHT meteo, an AEM brand, is your partner for individual systems and high-quality automatic standard weather stations. Our robust, energy-saving sensors provide a long lifespan and ensure accurate measurement data in all weather conditions.

### DATA LOGGER SER[LOG] FOR LONG-TERM WEATHER ANALYSIS

Accurate data acquisition is a critical component of any weather monitoring solution. Ser[LOG] is a scalable communication platform for professional meteorological data acquisition and data processing.

### OVERVIEW ASCEND WEATHER STATION - SOLAR

Track and monitor nine weather parameters directly at your location:

- Wind direction
- Wind speed
- Air temperature
- Relative humidity
- Precipitation amount & intensity
- Barometric pressure
- Global radiation
- Dew point (calculated value)

### POSSIBLE APPLICATIONS:

- Agriculture
- Forestry
- Commercial weather monitoring
- Weather measurement networks
- Meteorological & hydrological studies

### BENEFITS



Capture the accurate, localized weather data you need to make timely, critical decisions



Ser[LOG] for data acquisition and data processing with minimal effort and high flexibility



Low-maintenance deployment-ready weather station featuring seamless plug-and-play with other Lambrecht tools

# Energy-efficient weather station you can rely on

As severe weather events continue to increase in frequency and severity, more and more businesses, government agencies, and individuals are concerned about the conditions surrounding them. More people are opting for proactive weather monitoring to understand how the world is changing and what they need to do to respond.

Government, commercial, and private organizations need accurate weather information to make critical planning decisions. Using the self-contained Ascend Weather Station - Solar, organizations can prepare better for weather events and improve time-critical decisions using real-time meteorological conditions for their specific area

## The Ascend Weather Station - Solar overview:

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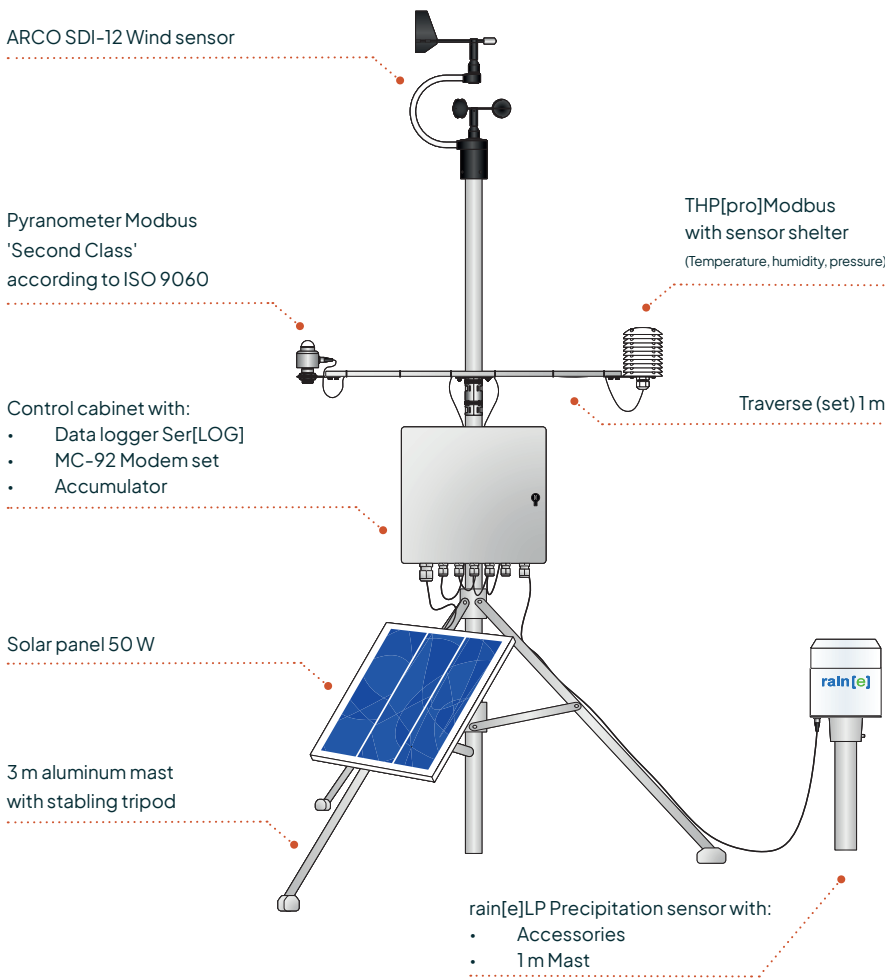


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## Key features

### PROVEN, FIRST-CLASS METEOROLOGICAL SENSORS

- Durable technology provides research quality in any location
- Individual sensors can be replaced easily without losing all measurement data
- Straightforward assembly and do-it-yourself service

### SER[LOG] DATA LOGGER

- Alarm system for 10 warning channels using built-in and external relays (e-mail, SMS)
- Stores data reliably for one year in ring buffer
- User-friendly with free access to all connections and controls

### RAIN[E] PRECIPITATION SENSOR

- Industry-leading resolution and accuracy of 0.001 mm/m<sup>2</sup> in compact design
- Unique, continuously self-emptying collection system prevents overflow and incorrect measurements
- Low-power (LP) model ideal for remote solar applications



ELEVATE YOUR WEATHER MONITORING CAPABILITIES TODAY

To learn more about our innovative solutions, visit [aem.eco](http://aem.eco) or contact us at [info@aem.eco](mailto:info@aem.eco)