

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)

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

POSSIBLE APPLICATIONS:

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

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:

ID 30.00850.100003

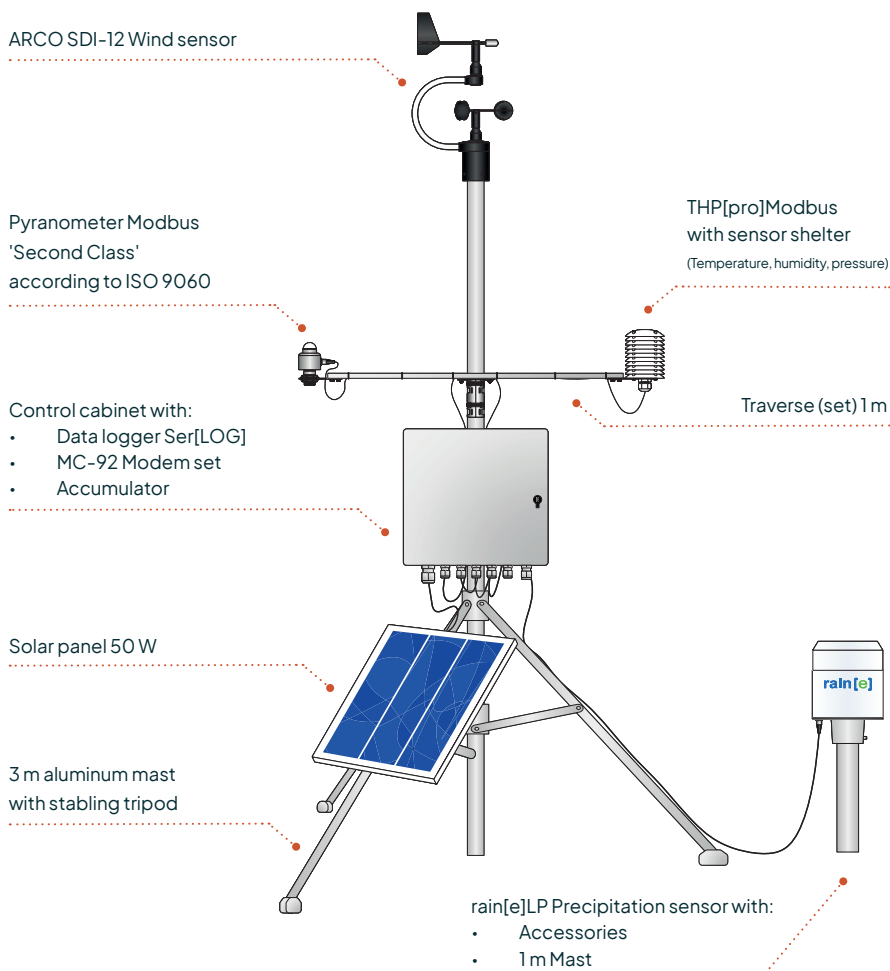


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Key features

PROVEN, FIRST-CLASS METEOROLOGICAL SENSORS

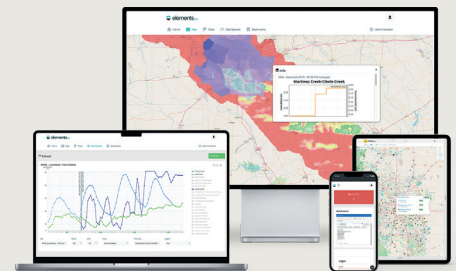
- Durable technology provides research quality in any location
- Individual sensors can be replaced easily without losing all measurement data
- Straightforward assembly and do-it-yourself service

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

AEM ELEMENTS® 360 SOFTWARE (OPTIONAL)

- Analyze real-time data from your station for better decision-making and planning
- Customize alerts to your specific thresholds and receive timely notifications when conditions change
- Edge-to-cloud data security protects your data and privacy and ensures accurate measurements



ELEVATE YOUR WEATHER MONITORING CAPABILITIES TODAY

To learn more about our innovative solutions, visit aem.eco or contact us at info@aem.eco