PRODUCT OVERVIEW

MeteoStation[energy]

Optimize energy production with precise weather data

REAL-TIME MONITORING FOR A SUSTAINABLE ENERGY FUTURE

The MeteoStation[energy] weather station is an essential device for monitoring and optimizing the performance of photovoltaic systems and other energy producers. This station acquires critical weather data in real time to maximize system efficiency and detect potential problems at an early stage. Continuous and precise monitoring allows operators to manage their systems better, maximize yields, minimize outages, and extend the life of their infrastructure.

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 METEOSTATION[ENERGY]

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:

- Photovoltaic plants
- Energy producers
- Grid operators
- Universities
- Meteorological 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 durable, state-of-the- art sensors

Efficient monitoring of energy generation in focus

As renewable energy becomes a bigger part of our energy present and future, more and more businesses, government agencies, and private landowners are looking to make a thoughtful investment in solar and wind energy. Installing that infrastructure in the correct place based on past, present, and future weather is key to making the best of those efforts.

Government, commercial, and private organizations need accurate weather information to make critical planning decisions. Using the reliable MeteoStation[energy], organizations can determine the best locations for renewable investments, uncover insights that optimize generation, and track weather strain on equipment over time..

The MeteoStation[energy] overview:

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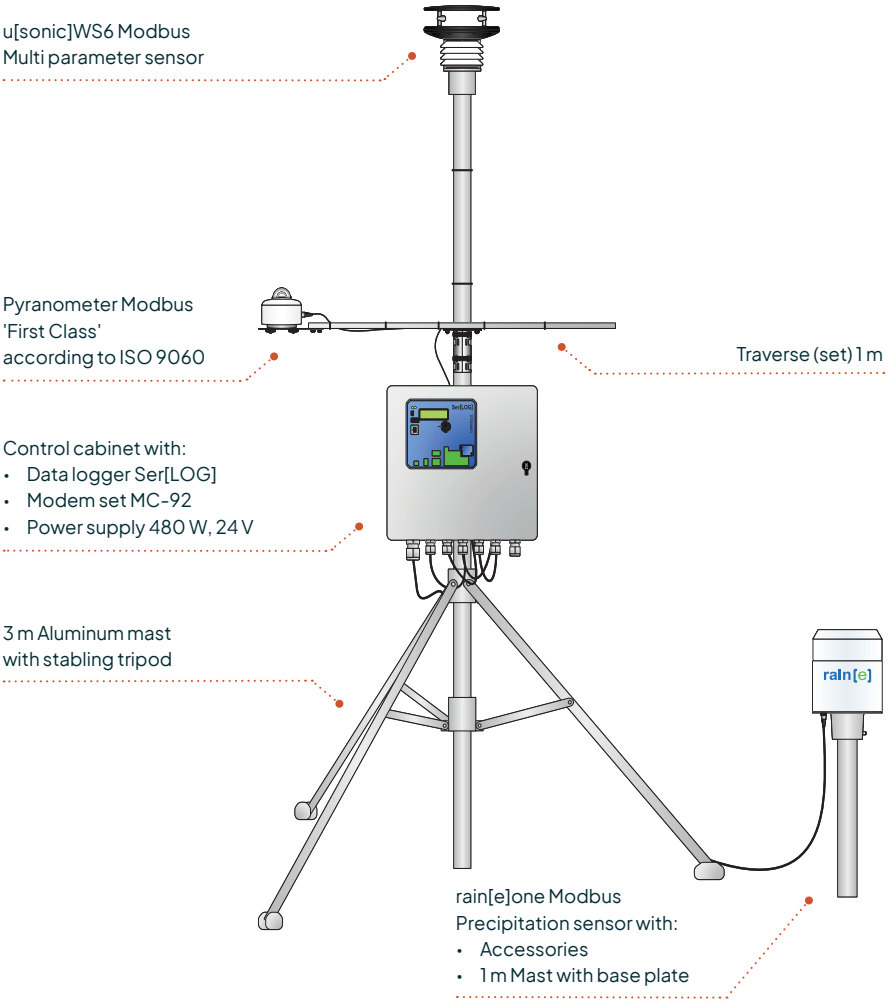

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Key features

PROVEN, FIRST-CLASS METEOROLOGICAL SENSORS

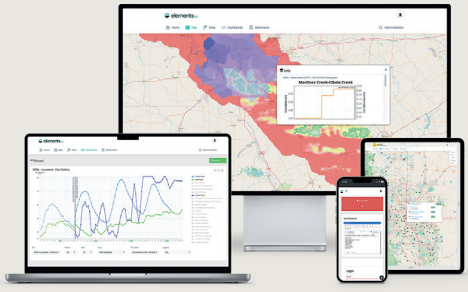
- Robust technology with independent, integrated sensors and no moving parts for superior accuracy of each measurement
- Innovative, compact design minimizes labor and installation costs for easy setup

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**