




Reports / Reefer activity Save Options ☆

RE300 06/01, 09:00a → 06/01, 11:30a Data 15 minutes

Date / Time ↓	Location	Temperature	Humidity
06/01, 11:30 AM PST	Olean Rd, Sardina, NY	69.9°F	85%
06/01, 11:15 AM PST	Southern Tier Expwy, NY	66.2°F	85%
06/01, 11:00 AM PST	Appalachian Thwy, PA	62.2°F	86%
06/01, 10:45 AM PST	Susquehanna Beltway, PA	62.2°F	86%
06/01, 10:30 AM PST	Susquehanna Tr, Liverpool	60.1°F	86%
06/01, 10:15 AM PST	Olean Rd, Sardina, NY	57.6°F	85%
06/01, 10:00 AM PST	Southern Tier Expwy, NY	52.7°F	85%
06/01, 09:45 AM PST	Appalachian Thwy, PA	43.3°F	85%
06/01, 09:30 AM PST	Susquehanna Beltway, PA	41.5°F	73%
06/01, 09:15 AM PST	Susquehanna Beltway, PA	41.2°F	72%
06/01, 09:00 AM PST	Southern Tier Expwy, NY	43.2°F	85%
06/01, 09:00 AM PST	Olean Rd, Sardina, NY	41.2°F	72%



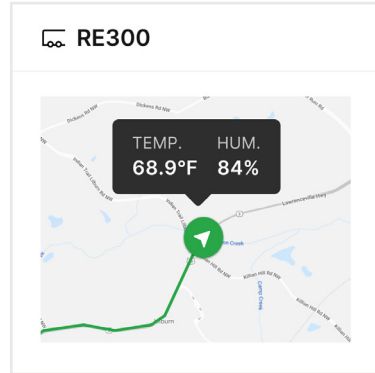
## Environmental Sensor

A wireless sensor that reports temperature and humidity measurements to a Motive Gateway.

# Key Benefits

## Automate compliance

Eliminate manual logs and fragmented data. By integrating directly with a Motive Gateway, climate data is automatically synced with vehicle and route history.



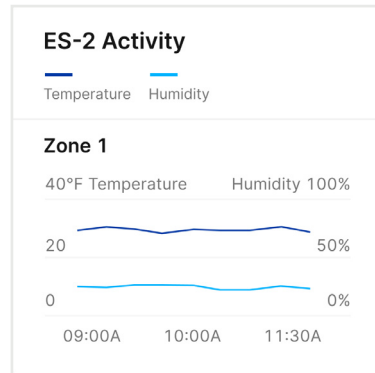
## Versatile installation

Easily mounts to any trailer surface or cargo environment. Connect up to six sensors to one Motive Gateway to create a multi-point climate monitoring solution.



## Precise readings

Get accurate readings with a typical temperature measurement accuracy of  $\pm 0.5^{\circ}\text{C}$  ( $1^{\circ}\text{F}$ ), and relative humidity measurements between 0% and 95%, at a 1-minute sampling rate.



## Specifications

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### Climate Sensor

Temperature and humidity measurement accuracy is provided through careful sensor component selection and manufacturing-line testing.

#### Sensor Temperature Specification

The sensor included in this product is designed to provide the following accuracy:

- -40°C to -10°C, Typical:  $\pm 0.6^\circ\text{C}$   
Max:  $\pm 1.0^\circ\text{C}$
- -10°C to +80°C, Typical:  $\pm 0.3^\circ\text{C}$   
Max:  $\pm 0.6^\circ\text{C}$

#### Long-Term Drift

The typical long-term temperature

drift of our sensors is less than  $\pm 0.03^\circ\text{C}$  per year.

#### Testing

Motive performs robust testing on each device and only accepts devices that fall within the following ranges when compared to a calibrated instrument:

- Humidity  $\pm 8\%$  Relative Humidity.
- Temperature  $\pm 0.5^\circ\text{C}$ .

*For more information refer to our Calibration Statement, available on request.*

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### Connectivity & Data

#### Data Capture & Transfer

Samples recorded every 1 minute. Transfers via Bluetooth.

#### Gateway Compatibility

- Asset Gateway Mini (AG-31.3+ only)
- Vehicle Gateway (VG3)
- Up to 6 sensors per gateway

#### Auto-reconnect

Automatic retry logic every 5 minutes until connection is established.

#### OTA Updates

Supports over-the-air firmware updates via a Motive Gateway.

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### Physical Specifications

#### Dimensions

55.4 × 53.8 × 21.0 mm (24.1 mm with mounting bracket).

#### Mounting

Versatile installation via industrial adhesive or screw-mount bracket.

#### Enclosure Rating

IP67 (Waterproof and dustproof per IEC 60529).

#### User Interface

Top-surface LED status indicator.

#### Pinhole Button

Recessed for activation, power cycling, and factory resets.

#### Input/Output

Fully wireless; no cables or connectors required.

#### Operating and Storage Range

-40°C to +85°C.

**Battery & Power**

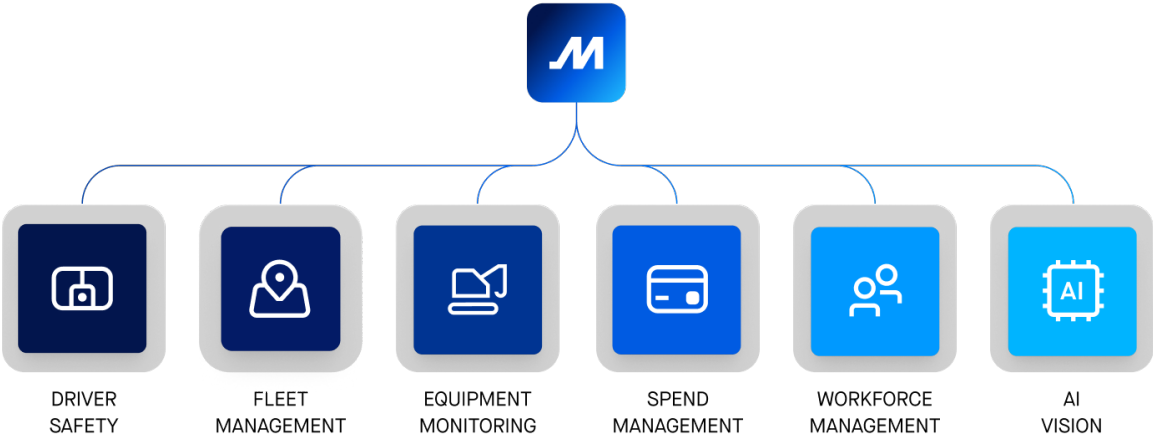
**Expected Life**  
3–5 years (dependent on environmental conditions).

**Battery Type**  
CR2477X Coin Cell  
(User-replaceable, non-rechargeable).

**Chemistry**  
LiMnO2.

**Rating**  
1.0Ah / 3.0VDC.

**Motive is the AI-powered Integrated Operations Platform for the physical economy.**



# **motive**

**About Motive**

Motive empowers the people who run physical operations with tools to make their work safer, more productive, and more profitable. For the first time, safety, operations, and finance teams can manage their workers, vehicles, equipment, and fleet-related spend in a single system. Motive serves more than 120,000 customers from small businesses to Fortune 500 enterprises such as Halliburton, KONE, Komatsu, NBC Universal, and Maersk across a wide range of industries including transportation and logistics, construction, energy, field service, manufacturing, agriculture, food and beverage, retail, waste services, and the public sector. Visit [gomotive.com](http://gomotive.com) to learn more.