

## Asset Gateway Solar

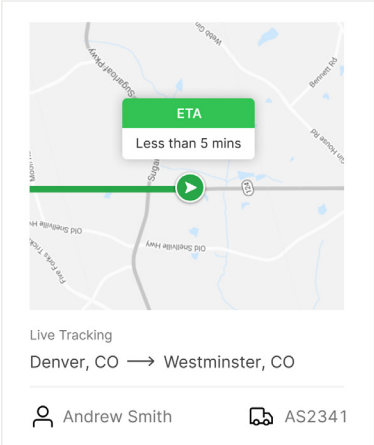
Get unparalleled visibility into the location, utilization, and health of your equipment.

The Asset Gateway Solar monitors high value equipment and reefers, with solar power and cabled options for continuous tracking.

**Key benefits**

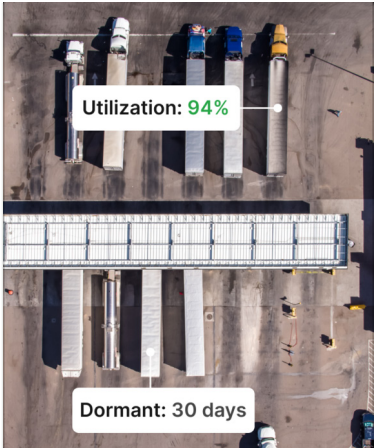
**Unparalleled visibility and control**

Real-time GPS tracking eliminates time spent on manual check-ins.



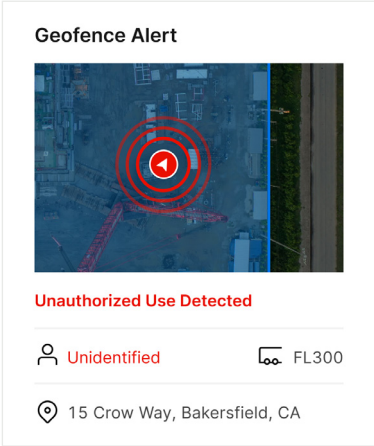
**Maximize utilization**

Utilization insights enable repositioning of underused assets and automated client billing.



**Protect your assets**

Automatic geofence alerts detect unauthorized use to prevent theft and loss.



## Key benefits (continued)

### Minimize downtime

Preventive maintenance helps you stay ahead of issues to minimize equipment downtime.

#### Maintenance Alert

Axle greasing	Every 10,000 mi	In 756 miles
Brakes	Every 35,000 mi	Upcoming
Tires	Every 50,000 mi	Overdue

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[Add Schedule](#)

## Key Features



### Real-time visibility in one dashboard

Maximize utilization with current and historical location of every equipment and trailer from a single dashboard.



### Reefer monitor and controls

Remotely control and monitor temperature, modes, fuel use, fault codes, and reefer telematics.



### Automatic vehicle asset pairing

Ensure accurate delivery by automatically linking nearby vehicles and assets, confirming which vehicle is hauling which asset.



### Instant alerts

Quickly address issues with alerts for unexpected movements, geofence breaches, low battery, dormancy, and more.



### Maintenance reminders

Avoid costly repairs and downtime by scheduling maintenance based on factors like engine hours and mileage.



### Shareable ETA

Enhance customer satisfaction by providing accurate delivery windows and tracking your cargo's successful delivery.

## Specifications

### Battery life

Feature	Moving	Stationary
Battery life with solar charging	Indefinite	Indefinite
Battery life when unplugged	2+ months (assumes 8hr/day driving 5 days per week)	10+ months (assumes 2 GPS pings per day)

### Dynamic data performance

Battery charge	Solar powered		Cabled powered
	Moving	Stationary	Moving/stationary
More than 50%	1 min capture 5 min report	12 hrs capture 12 hrs report	1 min capture 1 min report
10 to 50%	5 min capture 15 min report	12 hrs capture 12 hrs report	1 min capture 1 min report
Less than 10%	4 hrs capture 4 hrs report	12 hrs capture 12 hrs report	1 min capture 1 min report

### Hardware

#### Unit lifetime

5-year warranty

#### Memory

Up to 6 weeks of log data

#### Dimensions

- Either Solar Powered or Cable Powered
- Cable Powered: connects to 7-way trailer connector (vehicle power)
- 9V–32V input using Cable 4020 (cable available on request)

#### Weight

13.3 oz (378 g)

#### Dimensions with solar mount

12.55 × 2.39 × 2.68 in  
(318.8 × 60.8 × 68 mm)

#### Weight with solar mount

15.4 oz (437 g)

#### Sensors and data streams

- Motion sensor
- Battery level
- Speed
- Altitude
- Location
- Heading

## Communications

### Cellular

4G (CAT-M1) US, Canada,  
Mexico ready

### Security

Secure data communication with  
server, secure firmware update

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## Environmental

### Battery charge

14°F–114.8°F (-10°C–46°C)

### Operation with external power

-4°F–185°F (-20°C–85°C)

### Storage temperature

-40°F–185°F (-40°C–85°C)

### Environmental rating

IP67 - Waterproof up to  
1m submersion

### Product safety

UL tested and listed

### Environmental tests

- Drop tested from 1 meter  
onto cement
- Vibration tested to SAE-J1455  
specification
- Operating bump testing  
to ISO 16750-3
- Salt resistance tested to  
IEC 60068-2-52
- Solar radiation tested to  
IEC 60068-2-5
- Hail impact tested to IEC 61216  
and IEC 61646

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