

CONTAINER, CHASSIS, AND TRAILER TRACKING

Mount and Load Sensor

Container and Chassis Status Monitoring
to Maximize Utilization

Description

The **Mount and Load Sensor** provides next-level intelligence on chassis and container availability status. Installed on the chassis, it detects the weight displacement on the axle to determine if a container is mounted (loaded on/off) and its load status (loaded/empty). This functionality enables quicker turnarounds, enhances capacity, and maximizes chassis utilization for optimal efficiency.

The Mount and Load Sensor is paired with Powerfleet's Logistics Gateway to offer real-time tracking and frequent reporting on the location, status, and condition of chassis. This comprehensive solution ensures complete visibility of your containers from the moment they leave the yard until they reach their destination.

The Mount and Load sensor integrates with Unity, the SaaS-based fleet intelligence platform that ingests, processes, and consolidates data from every asset, vehicle, and person. Through advanced data intelligence, Unity unifies business operations.



Key Features

- Chassis container mount monitoring and reporting
- Real-time container loaded/empty monitoring and reporting
- Low maintenance with 7~10 years battery life
- BLE 5.0 communication
- Factor and field installation and calibration



Real-time container loaded/empty



Rugged construction for harsh environments



Designed to Revolutionize Your Logistics Operations

The **Mount and Load Sensor** incorporates a variety of features that enhance visibility and optimize chassis and container monitoring, aiming to transform your logistics operations:

- Improve productivity and utilization
- Reduce operating costs
- Improve profitability
- Lower insurance and operating costs
- Recover damage and misuse expenses
- Achieve sustainability goals
- Improve security and theft recovery

Technical Specifications

BLE

BLE Technology	BLE 5.0
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Power

Internal Battery	LiSOCL2 Primary, 3.6V, 26 Ah 5-year, Continuous Operation
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Environmental

Temp, operation	-30°C to +75°C
Temp, storage	-30°C to +75°C
Ingress Protection	IP 67 per IEC 60529
Vibration, Impact	ISO16750 parts 3 & 4

Certifications

Communication	CFR 47 Part 15 Subpart B
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Size

Dimensions	~100 mm W x ~243 mm L x 80 mm H
Weight	~ 1.25 kg

Installation

Mounting	Enclosure: Screw or Rivet, Sensor: Welded
Connections	3 meter sensor cable

Technical Specifications (cont'd)

Features

Movement	Ultra Low Power 3-Axis Accelerometer, User-Selectable Full Scale $\pm 2g/\pm 4g/\pm 8g/\pm 16g$
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Powerfleet (NASDAQ: PWFL; TASE: PWFL) is a global leader of internet of things (IoT) software-as-a-service (SaaS) solutions that optimize the performance of mobile assets and resources to unify business operations. Our data science insights and advanced modular software solutions help drive digital transformation through our customers' and partners' ecosystems to help save lives, time, and money. We help connect companies, enabling customers and their customers to realize more effective strategies and results. Powerfleet's tenured and talented team is at the heart of our approach to partnership and tangible success. The company is headquartered in Woodcliff Lake, New Jersey, with our Pointer Innovation Center (PIC) in Israel and field offices around the globe. For more information, please visit www.powerfleet.com.