

# PowerFleet Essence OC53

Ensure that your small to mid-sized fleet operations are compliant, efficient, and cost effective.



The PowerFleet Essence OC53 ensures site managers in warehouse, manufacturing, distribution, retail and construction environments with small to mid-size fleets can have peace of mind knowing that only certified operators are using the equipment, the operator has completed the OSHA required safety inspection and that the equipment is being operated safely. PowerFleet Essence is designed for simplicity, from simple installation to intuitive use and management. It delivers powerful results without consuming your time.

## Features

- Provides electronic safety checklists via built-in display
- Uses Bluetooth for local communications to iPad or iPhone and the PowerFleet Control Center application with automated data collection from your nearby (<100 feet) fleet
- Rugged construction withstands harsh environmental conditions
- Easily installs on virtually any industrial vehicle (forklifts, tow tractors, etc.)
- Communication with the PowerFleet Control Center application works out-of-the-box
- Automatically records and uploads/downloads key vehicle/operator data
- Optional sensor connections (impact, seat belt, seat switch)
- Device starts and turns on ignition and starter via relays
- Language support for English, German, Spanish, and French provides easy comprehension and better adoption for operators

## Problems Solved

OSHA Compliance: Automated safety checklists

Forklift Damage: Impact sensing

Unauthorized Operators: RFID card or numeric code is required for access

No IT department: No IT department needed and no Wi-Fi security concerns

No Wi-Fi: Bluetooth communications eliminates the IT security concerns.

**Lift Truck Fleet  
Management with  
Comprehensive  
Telematics**

**I.D. Systems:  
Creating a Culture of Safety**





OC53:  
Simple to install  
Easy to use  
Makes you  
compliant  
Improves Safety  
for everyone

## PowerFleet Infomatics Features

- Capture and display all listed events as configured
- Display list of all authorized operators for a vehicle
- Display list and status of all active vehicles
- Create, edit and display safety checklists for vehicles
- Create, configure and display impact detection and control parameters for vehicles
- Configure and display sensors and triggers for vehicle events such as seat and seatbelt switches, oil sensors and timeouts
- Define, configure and display access control, impact, sensors, checklists, shifts, hour meters, maintenance and other operational parameters for each vehicle
- Create and configure new vehicle operators and display list of all authorized vehicle operators

## Specifications/Certifications

Dimensions	4.07" x 3.52" x 1.83" (103.5 x 89.5 x 46.5 mm)
Operating Temperature Range	-40° to +80° C
Ingress Protection	IP67
Input Voltage	9 to 60 VDC
Power Consumption	450mA (active mode), ~2mA (sleep mode)
Back-up Battery Life	5 years
Memory	1MB flash
Display Technology	Color TFT
Display Dimensions	3.75"H X 4"W X 2.35"D (92mm X 100mm X 55mm)
Display Resolution	320 x 240 pixels
Status LEDs	1
Keys (numeric)	5 (10/2); (other): Start / Stop (power on)
I/O	Analog: 0/1 Digital: 3
Accelerometer	3 axis (reporting X and Y)
External Accelerometer Support	
Regulatory Certifications	ISO9000, RoHS, CE, FCC Part 15 (BLE module only)
Bluetooth	BLE v4.2
Antenna	External Approximate RF Range ~ 100' with external antenna

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