

CONDITION MONITORING WITH DHL SMARTSOLUTIONS IOT

CONDITION MONITORING IS A VITAL COMPONENT OF SAFE AND EFFICIENT EV BATTERY SUPPLY CHAINS

Knowing the condition of all assets, whether in transit or storage, is vital to safe and efficient EV battery supply chains. DHL's active tracking solutions ensure safe and compliant storage and transportation, providing full location and health visibility across the supply chain.

Our IoT solutions can track location, temperature, humidity, shock, light, and motion. They can be deployed globally in any industry and for any mode of transport, including air freight when equipped with non-lithium batteries. Their small size and adhesive back allow for easy setup and single or multiple use. GPS, cellular, and Wi-Fi positioning technology deliver high location accuracy.

DHL SmartSolutions IoT

Active condition monitoring devices



Shipment monitoring



Condition monitoring



DEVICE

- Active transmission via 5G
- Single use or multiple use
- Possibility to enhance sensor with BLE beacons
- Non-lithium version available for AFR



TECHNOLOGY

- Location (GPS, cell, WiFi)
- Temperature
- Humidity
- Shock
- Light
- Motion
- Airplane



SCOPE

- Global
- All industries
- Recommended all modes of transportation (limited on Airfreight according to approval list)



WHY USE

- ✓ Decide if multiple or single use: no loss fee
- ✓ Non-lithium for AFR
- ✓ Small dimension with sticky back for easy set up
- ✓ High location accuracy with GPS as well as Wi-Fi positioning
- ✓ Easy portal usage

