



Jungheinrich powerSCAN

JUNGHEINRICH

More efficiency and reliability for your batteries.

Maximum performance for your lithium-ion batteries.

The transparent and versatile Jungheinrich powerSCAN is a comprehensive safety and performance check for your lithium-ion batteries. During operation, the battery management system (BMS) continuously collects relevant data, while the visual and functional check inspects your batteries for function, defects and damage.

This transparent monitoring allows for the rapid identification of incorrect operation as well as the timely initiation of optimisation measures. The available software updates will ensure that your lithium-ion batteries always remain up-to-date.

The powerSCAN ensures a longer service life and also reduces service and replacement costs. Benefit from minimised downtime, more cost efficiency and significantly better performance from your batteries.

All benefits at a glance

- Maximum performance with improved charging times.
- Unnecessary repairs avoided and downtime reduced.
- Optimised battery use due to state-of-the-art software.
- Transparent information on the current status of the battery.
- Increased service life due to avoidance of misuse.

Your Jungheinrich powerSCAN for maximum customer benefits



Efficiency

Improved performance for your intralogistics fleet.

The Jungheinrich powerSCAN helps you to optimise the technological benefits of lithium-ion batteries and fully exploit the potential of your trucks with lithium-ion technology.

Increased efficiency:

- Optimised charging times, improved truck availability and longer operating times guarantee efficient processes in the warehouse.
- Increased throughput, availability and utilisation of trucks.
- Full performance of batteries across their entire life cycle.
- Prevention of battery-related downtime for individual trucks.

Optimisation of performance:

- Opportunity for battery optimisation based on all collected battery data.
- Software updates for continual product improvements by the manufacturer.
- Optimised energy consumption due to improved charging cycles.
- Support with the transition from lead-acid to lithium-ion technology.



Safety

Safe working thanks to maximum performance.

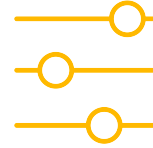
We inspect, you drive. Inspecting the battery status ensures that damage and defects to the tray, cables, plugs, cells and chargers can be detected immediately, efficiently preventing malfunctions and accidents.

Sustainable cost security and operational safety:

- A safe and reliable investment thanks to longer battery life.
- Transparency regarding the condition of the batteries based on selected battery data and visual inspection.

Performance and service life maintained:

- Maintenance of the performance and the value of the batteries throughout the warranty period.
- Maximising the availability of your trucks and prevention of repairs and downtime.



Individuality

A service as individual as your business.

The powerSCAN ensures that your lithium-ion batteries do not just reach their limits, but far exceed them. The performance check enables us to get the maximum out of every single battery for you.

Collection of data:

- Overview of performance data from your lithium-ion batteries.
- Conclusion on the current application and utilisation of the batteries.
- Provision of the battery usage data as a data report.

Utilisation of data material:

- Transparency regarding the incorrect operation of batteries and options for correction.
- Heightened user awareness for ensuring the efficient handling of lithium-ion batteries thanks to transparent monitoring.

The right modules for your requirements:

The right battery service for your lithium-ion batteries.

The Jungheinrich powerSCAN is an annual or regular service to evaluate the handling data of lithium-ion batteries, including visual and functional checks, as well as battery performance checks.

Scope of services:

- External visual inspection of condition of lithium-ion battery, charger and truck (where possible).
- Check of terminal feedthrough seals and test battery function.
- Regular software update of the lithium-ion battery (if required).
- On-site data readout by Jungheinrich service engineer.

Provision of the battery usage data as a data report.

- Cumulative long-term data overview across the entire life of the battery plus a weekly and 1-day usage profile (of the last seven days).
- Notes on correct and efficient use of the battery.
- Conspicuous features of deep discharges and temperature level.

Necessary requirements for your battery service.

- The truck is equipped with a Jungheinrich lithium-ion battery.
- Possibility to read the battery data using the Jungheinrich diagnostic software.

The German production facilities in
Norderstedt, Moosburg and Landsberg
are certified as well as our Genuine Parts
Center in Kaltenkirchen. ISO 9001
ISO 14001

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