



...mobil mit Batterien



RECONDITIONING OF BATTERY SYSTEMS

THINK GLOBAL - REACT LOCAL



ADVANTAGES:

- High availability
- Fast replacement delivery
- Complete cost control
- No own cost-intensive storage
- Savings through reuse of tested components
- Professional battery management
- High quality
- Full warranty

■ Reconditioning of battery systems

By sustainability, we understand that in everything we do, we must also consider the end. Batteries are the driving power in trains or locomotives and provide mobility. This does not always require a completely new battery.

By reconditioning and reusing batteries, we actively contribute to environmental protection, avoid waste and conserve our natural resources.

Our commitment to sustainability is reflected in the performance of our highly qualified team, which maintains and reconditions your batteries according to the latest technical standards.

The batteries go through a complex reconditioning process. Depending on the age and condition of the battery, a partial or full refurbishment is carried out.

In the case of full refurbishment, we achieve capacities in accordance with the requirements of EN 60254 and 43 539-1 as well as full compliance with new batteries in terms of function and electrical properties - so that you have fully functional batteries of tested quality at your disposal.

PERFECTLY WORKING RECONDITIONED BATTERIES - A REAL ALTERNATIVE TO NEW BATTERIES.

In this way we protect our environment and help our customers to act economically.





THIS IS HOW IT WORKS:

- You report a battery failure
- We will arrange for a replacement battery to be provided within 24 hours
- We pick up your defective battery or battery to be tested
- We recondition your used battery
- We deliver the refurbished battery to you or store it for you in our warehouse



Partial Reconditioning

Electrical testing and visual inspection of the battery

Mechanical testing and levelling out of the battery parameters including thorough external cleaning

Charging and discharging cycles (required residual capacity $\geq 85\%$; other limit values by arrangement)

Replacement of defective components including individual cells

Reuse of removed and tested components of other reconditioned batteries

Final test and record of findings

Full Reconditioning

Quality parameters of partial reconditioning with minimum capacity $\geq 85\%$ are not fulfilled *or*

Age and condition of the battery do not allow partial reconditioning *or*

Special order by the customer

Replacement of all battery cells with new cells

Cleaning, testing and reuse of all other components, e.g. battery trays, connection terminals and cable connectors

Final test and release in case of complete correspondence with the parameters of a new battery



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