

trak[®] basic

Traction energy system with excellent price-performance ratio



Motive Power Systems

Reserve Power Systems
Special Power Systems
Service

Your benefits with HOPPECKE trak[®] basic

- High quality for a minimum investment
- High flexibility – Retrofitting of additional features (trak[®] air, trak[®] com etc.) possible at any time
- Suitable for shift-plus operation
- High level of operating safety through robust plastic coating and the resulting tray insulation

Typical applications of HOPPECKE trak[®] basic

- Light-duty operation
- Normal operation
- Heavy-duty operation



Similar to the illustration

trak[®] basic system

Features and benefits

If you wish to minimise investment costs and make optimal use of your budget, while still having the benefit of a top-quality system, then the trak[®] basic system is the ideal solution for you!

trak[®] basic is a system with long life expectancy, comprising a high-quality HOPPECKE traction battery combined with the most suitable and efficient charger. For the user, it is a system with an excellent price-performance ratio.

The trak[®] Q philosophy

Reliability and outstanding life expectancy mean that there are no compromises in the costs of the parts and components which determine quality.

Charging and discharge of the battery place a load on the electrodes.

This mechanical stress leads to the shedding of particles from the bound active material.

These particles of matter floating in the cell are on the one hand no longer available for the withdrawal of energy, while on the other hand they may become trapped, leading to short-circuits.

The consequences are loss of capacity and/or battery failure. The use of additional components (negative electrode pockets) plus top-quality materials (tubular gauntlets) reliably prevents short-circuits and reduces the release of particles of active material.

HOPPECKE trak[®] Q represents the peak of development, based on decades of accumulated experience in the manufacturing of traction batteries.



Ensuring long life expectancy

By using trak[®] Q with optimal charger assignment

- **Scope for use in multi-shift operation**
 - Realisation of 8 hours charging time
- **Conversion for shift-plus operation is possible at any time**
 - May be retrofitted with trak[®] air
- **High level of operating safety through tray insulation**
 - Battery tray with robust plastic coating
- **Full charging is ensured**
- **Maximum life expectancy is obtained**
 - Assignment of system-optimised charging equipment
- **Enhanced battery life time**
 - Implementation of charging programmes for battery conditioning