



NexSys® batteries for bag tractors, belt loaders and other airport Ground Support Equipment

Eliminate watering, optimize productivity

Watering in Ground Support Equipment can significantly drive up maintenance costs. NexSys® batteries from EnerSys® offer a virtually maintenance-free solution.

Manufactured with Thin Plate Pure Lead (TPPL) technology, NexSys batteries have more plate surface area for higher power density and increased efficiency. Capable of high-energy throughput and up to 180% capacity per 24 hours, NexSys batteries provide longer life and full charging in less than half the time of conventional lead acid batteries.

Ideal for opportunity charging, NexSys batteries also offer ground support crews added flexibility for charging between flights — with no long equalization charging required. This ensures your equipment is always ready when you need it.

Reduce maintenance costs and optimize your ground support operations with NexSys batteries from EnerSys.

The NexSys® Difference

Robust Intercell Connections

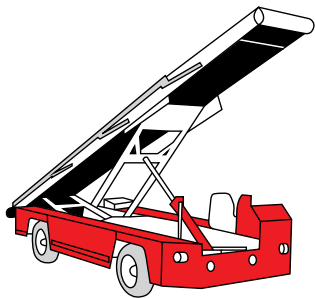
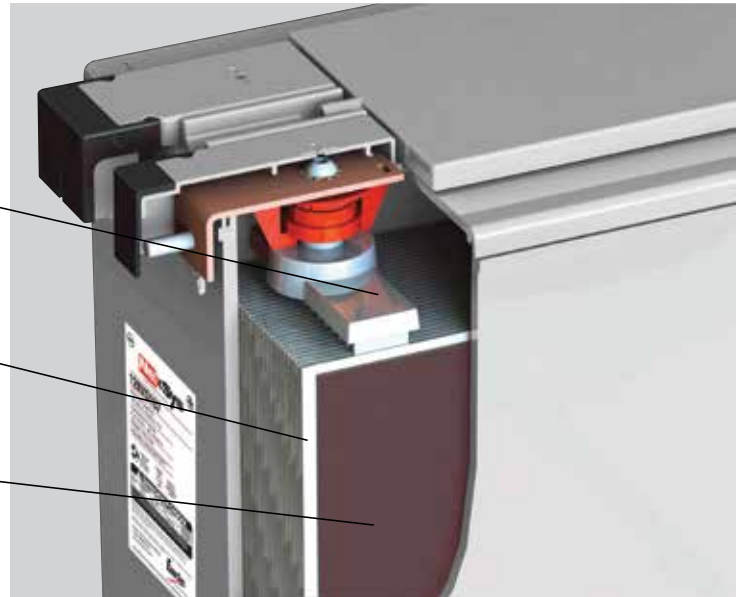
To resist vibration and eliminate internal sparking, cell connectors are casted on the plates and bonded.

Compressed AGM Plate Separators

For extreme vibration resistance, the Absorbed Glass Mat (AGM) plate separators are compressed before being inserted into the case.

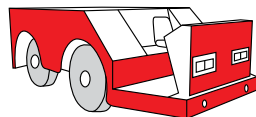
Pure Lead Plates

Consisting of 99% pure lead, NexSys® plates are extremely thin, so more of them can fit into the battery. More lead plates mean more power.

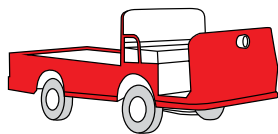


Belt Loader

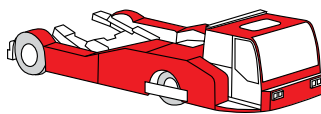
NexSys® batteries reduce maintenance and increase availability for a wide range of equipment and people moving equipment used at airports.



Bag Tractor



Burden Carrier



Plane Push Back

- **Virtually maintenance-free** – no watering or changing
- **Ability to be fast charged up to 0.7C** – batteries return to full capacity in 1.5 hours
- **Designed for opportunity and fast charging** – no damage due to partial charging
- **Extreme shock and vibration resistance** – for longer service life
- **Optimum machine availability**
- **Superior shelf life** – store up to two years at 68° F
- **TPPL technology** – more plates for more power
- **High recyclability** – up to 98%

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