



NexSys[®]

TPPL



The battery that will change the way you work

Start fast-charging and stop watering

Unlike conventional lead acid batteries that can take up to 12 hours to recharge, NexSys[®] TPPL batteries can be fast-charged in less than 2 hours. They can also be partially charged safely, making them ideal for opportunity charging. Plus, they never need watering or weekly equalization. Virtually maintenance-free NexSys[®] TPPL batteries will change the way you work – and your bottom line.

Boost uptime and save big on operating costs

By reducing charge times and eliminating watering or weekly equalization, NexSys[®] TPPL batteries give fleets the time to be more productive. Thanks to Thin Plate Pure Lead (TPPL) technology, NexSys[®] TPPL batteries deliver longer life and higher energy throughput.

NexSys[®] TPPL batteries for industrial and commercial vehicle applications

- Burden carriers
- Tow Tractors
- Personnel carriers
- Stock chasers
- Utility vehicles
- Automated Guided Vehicles (AGVs)
- Ground Support Equipment (GSE)



Thin Plate Pure Lead (TPPL) Design

NexSys® TPPL batteries are constructed with pure lead plates. Pure lead plates are extremely thin, so more of them fit into the battery. More plates mean more power – up to 20% more power than the same sized conventional flooded battery.



Virtually maintenance-free
No watering, battery cleaning or long equalize charges



RECHARGE
Fast charge in less than 2 hours; plug-in during breaks



Optimized cycling performance and high energy throughput



Minimum gassing ideal in sensitive areas
Minimum gassing and sealed

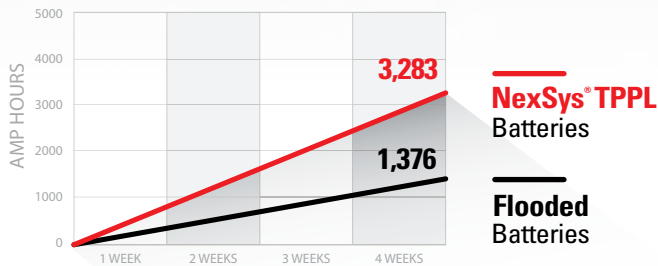


VIBRATION RESISTANT
Cell connectors are cast and bonded to the plates

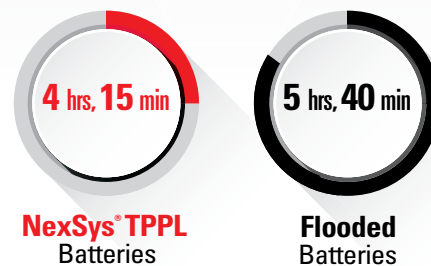
Put more productivity on the clock

Over two years, EnerSys® tracked a fleet of 40 burden carriers in an automotive parts warehouse. NexSys® TPPL batteries powered 20 vehicles; flooded lead acid batteries remained in the other 20 carriers. **Looking at the performance data over just one month, the NexSys® TPPL batteries delivered 139% more amp hours in 25% less time than the flooded batteries.**

Performance Data – One Month



Average Daily Charge Time*



* with appropriately sized charger

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