



NexSys®

TPPL



The NexSys® TPPL Battery and Charger System for Class I trucks.

Conventional lead acid batteries powering Class I trucks can take 8 hours or more to recharge. Frequent watering and battery changes add even more downtime. The NexSys® battery and charger system offers a smarter, more productive alternative.

Featuring Thin Plate Pure Lead (TPPL) technology, NexSys TPPL batteries are constructed with pure lead to provide unmatched power and performance. Combined with the advanced NexSys+ battery charger for fast charging and optimized cycling, NexSys TPPL batteries can eliminate NexSys+ battery changes by opportunity charging during breaks or at the end of a shift.

These time- and labor-saving advantages help NexSys TPPL batteries reduce Total Cost of Ownership (TCO) by 37% compared to conventional lead acid batteries. NexSys TPPL batteries can also help manufacturing and distribution centers stay green, as up to 98% of each battery is recyclable.



The NexSys® TPPL Battery Difference

- **Fast charging** – eliminates battery changing
- **Virtually maintenance-free** – no watering or changing
- **No damage due to partial charging** – ideal for opportunity charging
- **No exposure to acid** – for safer operation and workspace
- **Extreme vibration and shock resistance** – for longer service life
- **TPPL technology** – more plates for more power up to 2 year shelf life @ 68°F
- **High efficiency** – low overcharge required, saving money on electric bills



NexSys+ battery chargers slash recharge times and allow for flexible opportunity charging while optimizing opportunity and fast charging battery cycle life.

All NexSys® TPPL batteries are equipped with a Wi-iQ® device for automatic voltage and State of Charge (SOC) analysis, audible and visual alerts to notify you when a battery needs charging.



With up to 160% throughput available, NexSys® TPPL batteries can provide up to 1632 Ah of power per day – see if one is right for your application.

Replaces	Flooded Name Plate AH	Flooded AH Throughput w/ Opportunity Charging	NexSys® TPPL Name Plate AH	NexSys® TPPL AH Throughput Available
12-85-13	510	612	510	816
18-85-13	510	612	510	816
24-85-13	510	612	510	816
18-85-17	680	816	680	1088
24-85-17	680	816	680	1088
18-85-21	850	1020	850	1360
24-85-21	850	1020	850	1360
18-85-25	1020	1224	1020	1632
24-85-25	1020	1224	1020	1632



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