



# NexSys<sup>®</sup> TPPL



## The NexSys<sup>®</sup> 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<sup>®</sup> 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 99% of each battery is recyclable.



## The NexSys® TPPL Battery Difference

- **Fast charging:**  
Eliminates battery changing
- **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 AH | Flooded AH Throughput (Opportunity Charging) | NexSys® TPPL Battery AH | NexSys® TPPL AH Throughput Available |
|----------|------------|--|-------------------------|--------------------------------------|
| 12-90-13 | 540        | 648  | 540                     | 864                                  |
| 18-90-13 | 540        | 648  | 540                     | 864                                  |
| 24-90-13 | 540        | 648  | 540                     | 864                                  |
| 18-90-17 | 720        | 864  | 720                     | 1152                                 |
| 24-90-17 | 720        | 864  | 720                     | 1152                                 |
| 18-90-21 | 900        | 1080   | 900                     | 1440                                 |
| 24-90-21 | 900        | 1080   | 900                     | 1440                                 |
| 18-90-25 | 1080       | 1296   | 1080                    | 1728                                 |
| 24-90-25 | 1080       | 1296   | 1080                    | 1728                                 |



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