

TPPL TECHNOLOGY

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 99% of each battery is recyclable.

www.enersys.com

EnerSys®
Power/Full Solutions

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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