



# 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 IMPAQ™ battery charger for fast charging and optimized cycling, NexSys TPPL batteries can eliminate 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.



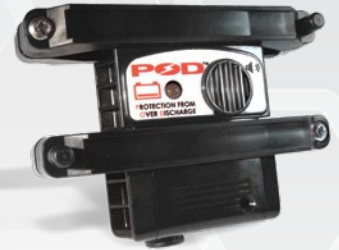
# The NexSys® TPPL Battery Difference

- **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



IMPAQ™ battery chargers slash recharge times and allow for flexible opportunity charging while optimizing battery cycle life.

All NexSys® TPPL batteries are equipped with Protection from Over-Discharge™ (POD™) device for automatic voltage and State of Charge (SOC) analysis and audible/visual alerts to notify you when a battery needs charging.



With up to 180% throughput available, NexSys® TPPL batteries can provide up to 1004 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 Battery Plate Rating	NexSys® TPPL Battery Ah Throughput Available	NexSys® TPPL Battery kWh	NexSys® TPPL Battery kWh Throughput Available	Max Charge Rate with 320a Charger	Estimated Charge Time
18-85-17	680	816	36v, 471 Ah	848	16.96	30.53	68%	1.40 hours
24-85-13	510	612	48v, 471 Ah	848	22.61	40.70	68%	1.40 hours
18-85-21	850	1020	36v, 498 Ah	896	17.93	32.26	64%	1.55 hours
24-85-17	680	816	48v, 498 Ah	896	23.90	43.01	64%	1.55 hours
18-85-27	1105	1326	36v, 558 Ah	1004	20.09	36.14	57%	1.74 hours
24-85-21	850	1020	48v, 558 Ah	1004	26.78	48.19	57%	1.74 hours

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