



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

More uptime, less maintenance and lower Total Cost of Ownership (TCO) than conventional batteries

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 batteries are constructed with 99% pure lead to provide unmatched power and performance. Combined with the advanced NexSys battery charger for fast charging and optimized cycling, NexSys 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 batteries reduce TCO by 37% compared to conventional lead acid batteries. NexSys batteries can also help manufacturing and distribution centers stay green, as up to 98% of each battery is recyclable.





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



All NexSys® 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.

The NexSys® 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

With up to 180% throughput available, NexSys® 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® Name Plate Rating	NexSys® Battery AH Throughput Available	NexSys® Battery kWh	NexSys® 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

Additional models available.



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