TRIDENT®

EnerSys Thin Plate Pure Lead Battery Power

The battery that's always ready for work!

NexSys® PURE

No more watering or waiting to charge

Virtually maintenance-free NexSys® PURE batteries never need watering, so there's never a risk of spills on clean floors. Thanks to Thin Plate Pure Lead (TPPL) technology, NexSys PURE batteries provide longer life, lower corrosion rates and higher energy throughput.

A safer, cleaner choice for carpets and public spaces

Sealed NexSys PURE batteries generate minimal gassing, so they are a great option for retail or public environments. With a shelf life of up to two years, NexSys PURE batteries will be ready to go after sitting idle for months. They can also be full fast charged in less that two hours and opportunity charged during breaks or whenever convenient. Plus, NexSys PURE batteries have integrated data communication tools that issue automatic alerts when it's time to recharge and capture operating data for battery monitoring.

Thin Plate Pure Lead (TPPL) Design

NexSys® PURE batteries are constructed with pure lead plates. Pure lead plates are extremely thin, so more of them fit into the battery. More plates mean more power – up to 20% more power than the same sized conventional flooded battery.

Superior Storage Life

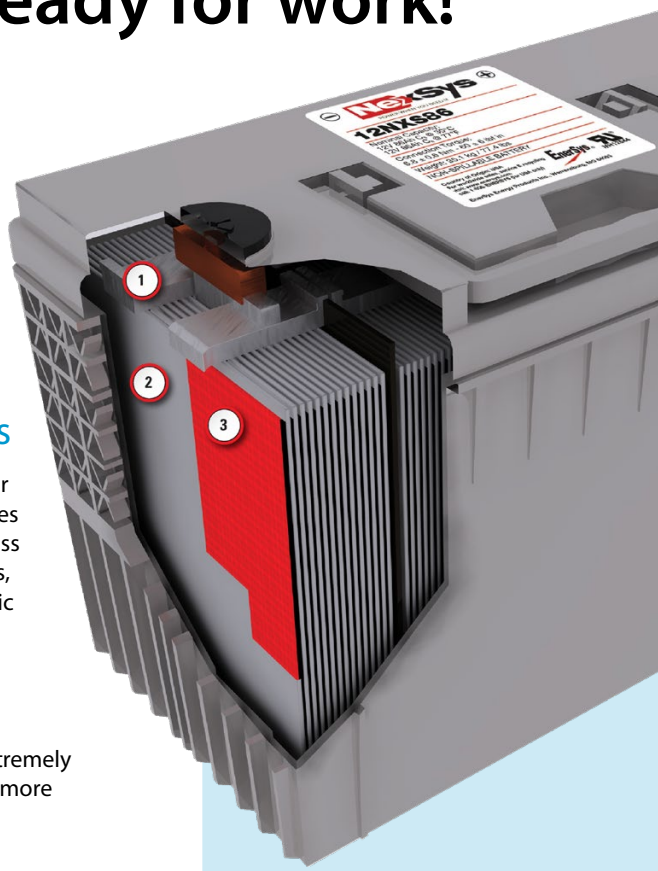
NexSys PURE batteries will be ready for work even after months of inactivity – when fully charged, NexSys PURE Gen 1 batteries have a storage life of up to 24 months and NexSys PURE Gen 2 batteries will last up to 18 months.

Protection from Over-Discharge™ - POD™

To support frequent charges, NexSys batteries are equipped with a Protection from Over-Discharge™ (POD™) device that analyzes battery voltage and State of Charge (SOC) during operation and storage. The device issues audible and visual reminder alarms when the battery requires charging.

Full Replacement, 3 Year Warranty Coverage

When installed in Hillyard Trident Equipment, and recommended operating procedures are followed, the Enersys Nexys platform offers 3 years full replacement as long as the POD was installed. Effective from date of invoice.



1 Robust Connections
Cell connectors are cast on the plates and bonded to resist vibration.

2 Pure Lead Plates
Constructed of 99% pure lead, the plates are extremely thin so more of them can fit in the battery.

3 Compressed Plate Separators
Separators are compressed before being inserted in the case for extreme vibration resistance.

Virtually maintenance-free

No watering, battery cleaning or long equalize charges

cycle life

Optimized cycling performance and high energy throughput

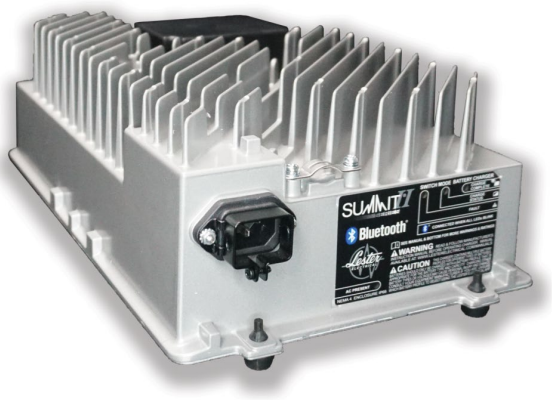
$-H_2$ Minimum gassing ideal in sensitive areas

Minimum gassing and sealed

VIBRATION RESISTANT

Cell connectors are casted and bonded to the plates

SUMMIT SERIES® II CHARGERS



BLUETOOTH®

Featuring Bluetooth wireless communication with apps for Apple® and Android™ phones and tablets. View charge cycle status, select the active battery profile, upload new profiles, change between on-board and off-board and download charge history records anytime using just a smart phone or tablet.

PERFORMANCE

Our Summit Series® II provides industry-leading charging performance and intelligence. Our proprietary Progressive DV/DT ™ charge algorithm ensures a precisely charged battery every time. The chargers are tested in extreme temperatures and operating conditions and built to last.

EFFICIENCY

Our switch mode (high frequency) chargers have best-in-class efficiency and are compliant with the latest DOE and CEC, standards. We operate a CEC approved laboratory in our Lincoln, NE manufacturing plant.

Full Replacement, 3 Year Warranty Coverage

Three year full replacement from the date of invoice.

Scrubber		Foam Inserts		Battery									Charger				
Model	Item No	Insert-A 1/machine unless noted	Insert-B 1/machine unless noted	Qty	Hil Item No Prefix (EnerSys Block In Bold)	Bat Ah @C5	Dimensions L	W	H	Wt. Lbs.	Ah @17% charge rate/ hr	Charger Min Amp Output	EnerSys POD	Lester Model	Hil Item No	Charging Battery Profile #	OnB Charger Bypass	Spare Hardware Kit
B20SC*	HIL56003	n/a	n/a	2	ESY**12NXS86**	86	12	7	9	77.4	14.7	17	ESY6LA11921	650	HIL34787	22657	N/A	Local Source
T20SC Pro	HIL56005	n/a	n/a	2	ESY**12NXS120**	120	13.5	7.25	11	94.8	20.4	21	ESY6LA11921	650	HIL34787	22659	HIL436428	ESY32079818
T20SC Pro Orb	HIL56006																	
T26SC Plus	HIL56007																	
R22SC Orb	HIL56008																	
R22SC	HIL56010																	
R26SC Plus	HIL56026																	
R26SC Pro	HIL56027																	
R30SC	HIL56009	HIL36000	HIL36003	2	ESY**12NXS157**	157	17.5	7	10.5	117	26.7	27	ESY6LA11921	1425	HIL34788	22854	HIL436428	ESY23010422
R30SC Plus	HIL56011	HIL36000	HIL36003															
R28SC Plus Orb	HIL56012	HIL36000	HIL36003															
T28SS Pro	HIL56028	HIL36002	n/a															
T30SC Pro	HIL56029	HIL36002	n/a															
R36SS Plus**	HIL56013	HIL36001	HIL36000 requires 3	3	ESY**12NXS186**	186	22	5.25	12.75	131.1	31.7	33	ESY6LA11921	1425**	HIL34788	22806	n/a	ESY32079819
R36SC Plus**	HIL56020																	

*B20 also requires LES43844 adapter cable. ** Charger set up for R36 models also require adapter cable HIL449979.