

# Express<sup>®</sup>

Fast Charge Solutions That WORK!



## Express<sup>®</sup> batteries – power through innovation

With exclusive square tube design, heavy duty components and factory installed watering systems, only Express<sup>®</sup> batteries are engineered and manufactured specifically for fast charging.

EnerSys<sup>®</sup> square tube design provides up to 84% more surface area on the positive plate, outperforming round tubular and flat plate design batteries. The increased surface area on the positive plate extends the amount of time the plate is able to sustain higher levels of voltage throughout a discharge cycle, resulting in extended lift truck run times between charges.

This unique technology provides the highest amp-hour capacity available in any fast charge battery today, leading to extended battery life and superior performance to maximize your productivity and efficiency.

- Highest capacity of any fast charge battery
- Maximum thermal management and charge acceptance
- Up to 18% more available AH capacity than flat plate fast charge batteries

**FAST CHARGE TERMINAL CONNECTOR**

Specifically designed terminal connector allows for more efficient connector placement on top of battery. Also eliminates the need to “burn” two connectors on top of each other, reducing the overall height of the battery.



**FAST CHARGE CELL CONNECTOR**

The Express<sup>®</sup> battery's double-thick cell connectors are a single-molded component with a copper core for higher current carrying capability with minimal heat build-up.



**SLOTTED INTER-CELL CONNECTOR COVER**

Heat created by increased current flow is allowed to escape through vents, helping to reduce thermal build-up.



**SINGLE POINT WATERING SYSTEM**

The single point watering system allows for easy watering of the battery and eliminates the need to pull batteries from the truck when watering.



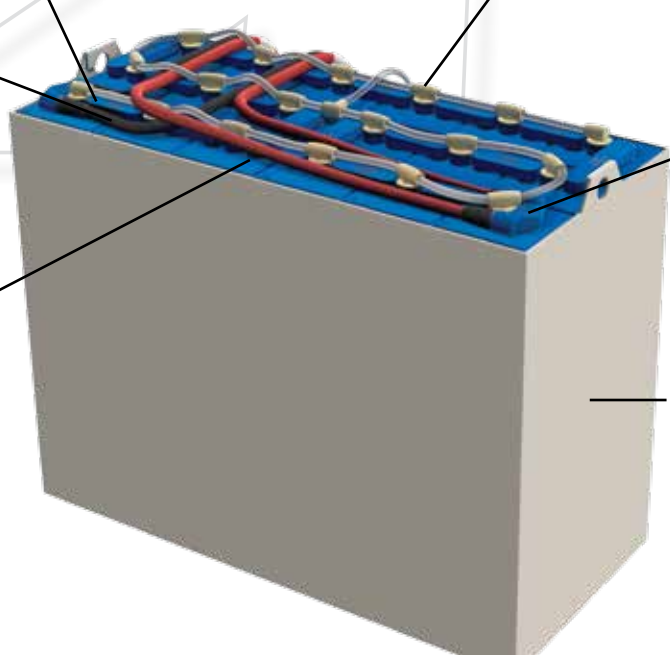
**FAST CHARGE 1" POST**

1" diameter posts provide 72% more cross-sectional area than a standard 3/4" post. A copper core adds to the low resistance of the posts for lower heat and faster charging.



**SQUARE TUBE DESIGN**

Square tube design provides the highest amp-hour capacity available in any fast charge battery today. This means your trucks will run longer, be able to handle those “extra heavy” days, and impose lower stress on your battery leading to longer life and superior performance.



CELL TYPE	AH	BATTERY HEIGHT	VOLTAGES AVAILABLE
E100X .....	100 .....	23" .....	12 to 80 Volts
E140X .....	140 .....	31" .....	12 to 80 Volts
Specific gravity .....	1.280		
Battery construction .....	Square tubular design, 22% more apparent surface area than round tubular construction		
Plate separators .....	Sleeved		
Jar seal .....	Heat bonded		
Leads .....	Dual or single		
Connectors.....	SBX or Euro		
Battery watering system .....	Includes single point watering system		
Warranty.....	4 full years*		
Certifications .....	The management systems governing the manufacture of this product are ISO 9000:2008 certified; classified by UL (UL 583)		

\*Four full years when charged with an Express<sup>®</sup> fast charger, three full years when charged with any other EnerSys<sup>®</sup> approved fast charger. Contact your EnerSys representative for additional warranty information.



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