

# BATTERIES FOR ALL APPLICATIONS



Deserthog®



Loadhog®



Superhog®



Express®



NexSys® TPPL



NexSys® iON

Traditional Flooded Lead Acid batteries				Maintenance-free batteries	
Increased water capacity for extended watering intervals	More amp-hour in the same space for medium and heavy duty applications	The highest Ah flooded capacity battery on the market - for heavy duty applications	Highest capacity fast charge battery, with heavy duty posts and intercell connectors for fast charge demands	Advanced lead acid battery technology for high demand and fast charge without the need for watering	Most advanced lithium-ion battery chemistry, optimized for intense applications
Square tubular plate	Square tubular plate	Square tubular plate	Square tubular plate	Thin Plate Pure Lead (TPPL)	Lithium-ion (Li-ion)
Standard amp-hour capacity	Up to 17% more capacity in the same space	Up to 29% more capacity in the same space	Up to 17% more capacity in the same space	High energy density Valve Regulated Lead Acid (VRLA) product	Recyclable Nickel Manganese Cobalt (NMC) cell chemistry
Water 4-6 times per year	Check water weekly	Check water weekly	Check water weekly	No watering	No watering
Standard demand applications	Standard to high demand applications	High demand applications	High demand applications	High demand applications	Severe demand applications
5 full plus 1-year pro-rata warranty	5 full plus 1-year pro-rata warranty	5 full plus 1-year pro-rata warranty	4 full year warranty when charged with Express® chargers	Up to a 5-year warranty*	5 years full warranty, plus 2 years pro-rata on power modules*
Up to 120% daily throughput in opportunity charging applications	Up to 120% daily throughput in opportunity charging applications	Up to 120% daily throughput in opportunity charging applications	Up to 160% daily throughput in opportunity charging applications	Up to 160% daily throughput in opportunity charging applications	Up to 300% daily throughput in opportunity charging applications**
Recharge rates up to 25% of nominal capacity	Recharge rates up to 25% of nominal capacity	Recharge rates up to 25% of nominal capacity	Recharge rates up to 50% of nominal capacity	Recharge rates up to 70% of nominal capacity	Recharge rates up to 100% of nominal capacity**



\* Certain warranty conditions may apply, speak to your EnerSys representative for details

\*\* Energy throughput can vary based on a variety of factors, speak to your EnerSys representative for details

# CHARGERS FOR ALL APPLICATIONS



IMPAQ™



Express®



NexSys®+



NexSys® Air

Value packed charger for standard and opportunity charging	Designed and programmed with wireless communication specifically for fast charge applications	Premium charger with intuitive controls, wireless communication and optional outdoor charging* for easy mixed fleet battery management	Hands-free wireless charging that improves safety and drives productivity in automated equipment (AGV) applications
Advanced Metal-Oxide-Semiconductor Field-Effect Transistor (MOSFET) technology	Advanced MOSFET technology	Advanced MOSFET technology	Wireless induction charging technology
LCD display screen and LED indicators	Multi-color screen	Multi-color screen	Multi-color touchscreen
Flooded standard, opportunity, NexSys® standard and cold storage profiles	Exclusive fast charge profile with pulses and temperature compensation	Ionic, opportunity, cold storage, NexSys® TPPL and NexSys® iON battery profiles	Compatible with traditional flooded lead-acid batteries, NexSys® TPPL and NexSys® iON batteries
Battery voltage auto-detect	Communicates with a required Wi-iQ device to set battery parameters and continuously control charger based on temperature; E Connect app compatible	Auto detection of voltage and capacity, communicates wirelessly to an EnerSys® Wi-iQ® device for exact control based on battery type; E Connect app compatible	Auto detection of any battery voltage, technology and capacity, communicates via CAN with Wi-iQ® device and CDI for precise control of all charging parameters
Optional wired remote or external analog control	Optional ethernet, WiFi, remote or external analog control	Standard bluetooth, optional ethernet, WiFi, remote or external analog control	Bluetooth, ethernet and WiFi
California Energy Commission (CEC) compliant, UL certified	CEC compliant, UL certified	CEC compliant; UL certified**	CE and UKCA certified



**Find your optimal solution.** EnerSys® takes hand calculations and guesswork out of selecting the right power system for your fleet. We combine your fleet's power data with our advanced EnSite™ simulation system to find a solution that supports your operations while reducing ownership costs. **Contact your local EnerSys® representative to learn more.**

\* Requires optional NexSys®+ Outdoor charger model with NEMA 3R / IP54 rated enclosure. Designed for typical weather conditions, not for submersion or areas prone to flooding.

\*\* UL certification does not apply to the NexSys®+ Outdoor charger at this time



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