EnerSys

QUICK REFERENCE GUIDE

Discover the right EnerSys® batteries
for your power and utilities network

NATIONWIDE SERVICE & SUPPORT

24/7 COVERAGE FROM 300+
AUTHORIZED SERVICE TECHNICIANS

TURNKEY SOLUTIONS PROVIDER
TO MEET YOUR REQUIREMENTS

COMPREHENSIVE MAINTENANCE
REPORTING AND MONITORING PLANS

COMPLIANCE WITH ENVIRONMENTAL
AND RECYCLING REQUIREMENTS

SCAN ME

WHY ENERSYS ®

OPTIMIZE TIME AND MAINTENANCE COSTS IN YOUR INDUSTRIAL PLANTS

When it comes to the power protection of sensitive equipment, no company can afford to leave its assets unprotected. Even short outages can trigger responses that leave essential equipment inactive for long periods, causing process instability or expensive system damage.

Availability is everything, even in the harshest environments and extremes of temperature.

Having sufficient high-quality, reliable battery power backup in non-cyclic stable grid float applications, acting as the primary energy storage and release source for UPS systems, is essential in case of an outage from the grid. As the operational pressures and resource constraints become ever more acute, the need for batteries with stronger performance characteristics continues to rise.

From initiation to end-of-life, EnerSys® delivers global support for your backup power needs. Our sales and service specialists are ideally positioned to support your projects from conception and installation to on-site maintenance and after-sales service, helping you to maximize availability and lower through-life costs.

**LEARN ABOUT OUR COMMITMENT**

ADVANCED TECHNOLOGY FOR

A *UTILITIES WORLD* THAT NEVER SLEEPS

Our full range of battery chemistries is unparalleled. From Valve Regulated Lead Acid (VRLA) batteries featuring advanced Thin Plate Pure Lead (TPPL) technology, to the industry's broadest range of flooded batteries, nickel cadmium and other emerging technologies, EnerSys® delivers the most effective, powerful and reliable batteries available. With a full range of racks, cabinets and accessories available, a complete integrated system can be offered for any application.

THE US WILL ADD **85 GW** OF BATTERY ENERGY STORAGE BY 2035*

THE MOST IMPORTANT PART OF YOUR BACKUP POWER INFRASTRUCTURE IS THE ENERGY STORAGE SYSTEM THAT POWERS IT.

ENERSYS® HELPS PARTNERS OVERCOME THESE CHALLENGES WITH A WORLDWIDE FOOTPRINT AND LOCAL INFRASTRUCTURE.
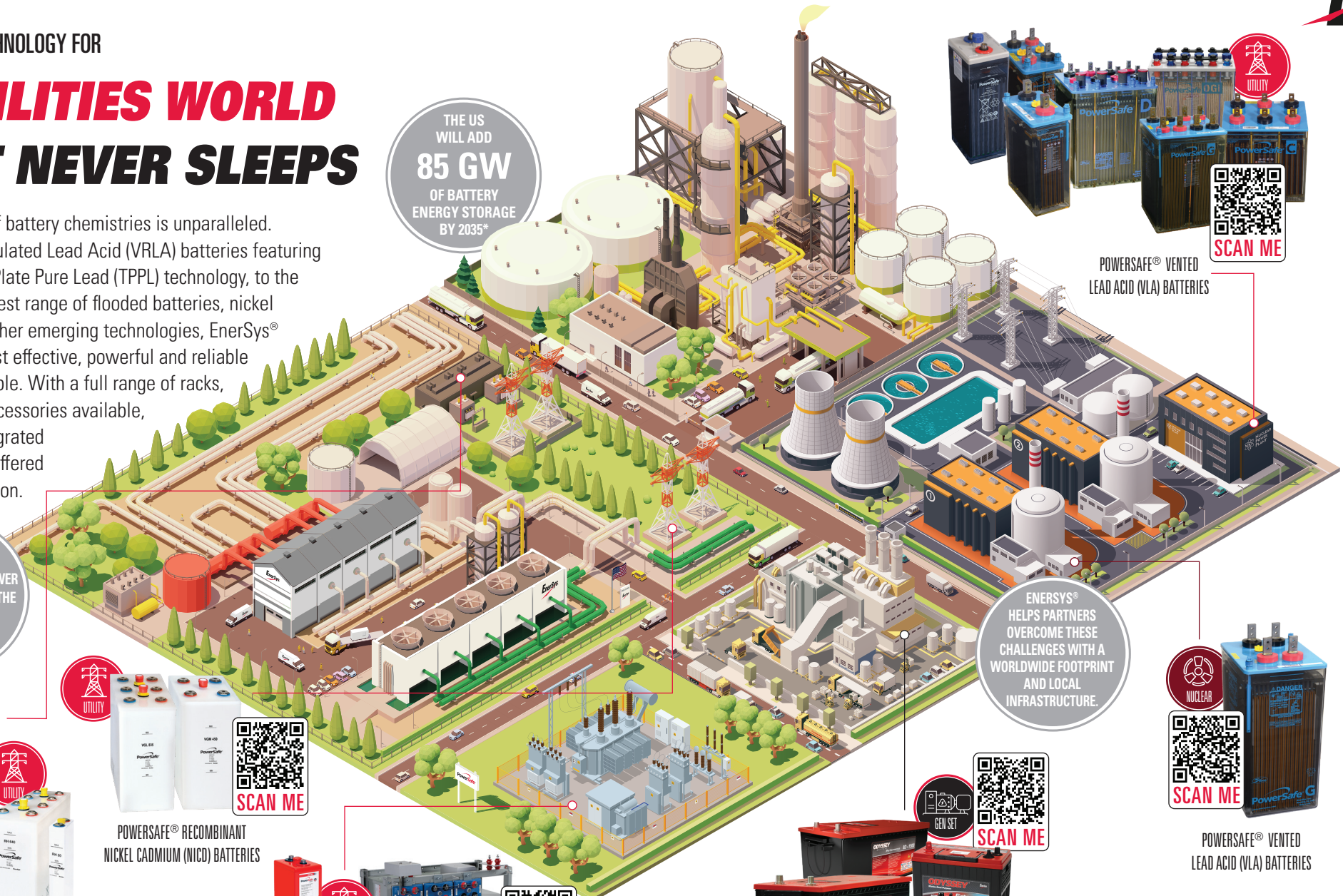
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POWERSAFE® VENTED LEAD ACID (VLA) BATTERIES

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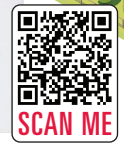
POWERSAFE® RECOMBINANT NICKEL CADMIUM (NICD) BATTERIES

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POWERSAFE® VENTED NICKEL CADMIUM (NICD) BATTERIES

PROVEN **TPPL** TECHNOLOGY INSIDE

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POWERSAFE® VALVE REGULATED LEAD ACID (VRLA) BATTERIES

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GENERATOR START BATTERIES

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POWERSAFE® VENTED LEAD ACID (VLA) BATTERIES

* Source: S&P Global Market Intelligence - Charging Up On Battery Energy Storage 101 US Market Outlook

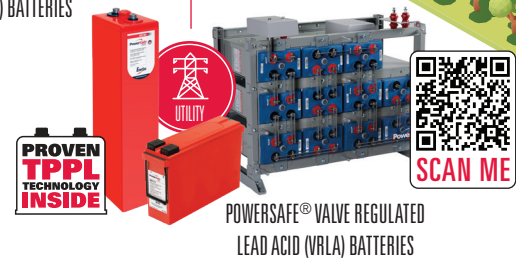|	Product	Utility	Class 1E Nuclear	Capacity Range Ampere hours @ 5 hr rate to 1.00 VPC @ 68°F (20°C)	Nominal Voltage	Plate Technology	Terminal Location	Design Life @ 77°F (25°C) in Float Service
POWERSAFE® VENTED NICKEL CADMIUM (NICD) BATTERIES	RL	● ○		11-1700	1.2	Pocket Plate	Top	25 Years
	RM	● ○		11-1390	1.2	Pocket Plate Top	Top	25 Years
	RH	● ○		10-800	1.2	Pocket Plate	Top	25 Years
POWERSAFE® RECOMBINANT NICKEL CADMIUM (NICD) BATTERIES	VGL	● ○		12-1570	1.2	Pocket Plate	Top	25 Years
	VGM	● ○		11-1350	1.2	Pocket Plate	Top	25 Years

DISCOVER MORE ABOUT **TPPL**

BATTERY EVOLUTION

DOES YOUR NETWORK NEED AN UPGRADE?

Thin Plate Pure Lead (TPPL) is a well-established battery technology that has proven itself in service conditions and is trusted in a wide array of applications including Industrial Power and Utility. The selection of high-purity and high-grade materials contributes to a longer shelf life, lower OPEX/ improved TCO, an extended service life, and more reliable performance.

So what exactly is TPPL, and how does it fit in with the ongoing evolution of the lead-acid battery? The advantages that can be derived from use of this technology are covered in our website White Paper and Case Study examples.

The next era for standby float.

WHITE PAPER

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	Product	Utility	Class 1E Nuclear	Capacity Range Ampere hours @ 8 hr rate to 1.75 VPC @ 77°F (25°C)	Nominal Voltage	Plate Technology	Terminal Location	Design Life @ 77°F (25°C) in Float Service
POWERSAFE® VALVE REGULATED LEAD ACID (VRLA) BATTERIES	DDmP	● ○		200-2000	2.4	Flat Plate Lead Calcium	Top/Front	20 Years
	SBS XL 2V	● ○		320-3900	2	Thin Plate Pure Lead (TPPL)	Top/Front	20 Years
	SBS 12V	● ○		31-206	12	Thin Plate Pure Lead (TPPL)	Front	10+ Years
POWERSAFE® VENTED LEAD ACID (VLA) BATTERIES	GN	○ ●		1140-3600	2.4	Flat Plate Lead Calcium	Top	25 Years
	GC-M	● ○		875-3550	2.4	Flat Plate Lead Calcium	Top	25 Years
	DSG	● ○		295-1600	4.8	Flat Plate Lead Calcium	Top	20 Years
	ESG	● ○		187-935	2.4	Flat Plate Lead Calcium	Top	20 Years
	EC-M	● ○		215-850	2	Flat Plate Lead Calcium	Top	20 Years
	CC-M	● ○		50-200	6	Flat Plate Lead Calcium	Top	20 Years
	OPzS	● ○		217-3543	2	Tubular Plate Low Antimony	Top	20 Years
	OGi	● ○		56-281	6, 12	Rod Plate Low Antimony	Top	20 Years

Gen Set batteries with TPPL technology are also available in established 4D, 8D, Group 31 and Group 34 sizes.

CASE STUDY

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Ensuring power continuity.

ARE YOU READY **TO BUY?**

ARE YOU
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