

**MORE POWER – LESS SPACE®**



## **Switchgear Applications**

**Superior quality VRLA battery  
technology for critical  
Switchgear power systems.**



**MADE IN U.S.A.  
WITH U.S. AND  
IMPORTED MATERIALS**

# SPACESAVER® SYSTEM *2-Volt Solutions*

**The 2-Volt Spacesaver System** is offered in both the Deka Fahrenheit and Deka Unigy II product lines, and available in a wide range of capacities and sizes to fit the requirements of Switchgear applications with ratings from 285 – 1520 AH @ C/8 1.75 v.p.c. The cell terminals are solid copper with lead plating and are designed for maximum conductivity. Advanced features provide easy and safe installation such as “two-way” post and easy on/off front shields.

The STANDARD DESIGN allows modules to be stacked vertically and connected by only six bolts, (four in front – two in back), for quick and safe battery installation.

The INTERLOCK™ SYSTEM utilizes interlocking modules to maximize convenience with front access bolting. This system delivers more power in less space while maintaining cooling requirements. Equipped with a standard one-piece INTERLOCK base, the system meets Zone 4 seismic specifications and is certified up to 8 modules high.



## 2-Volt Feature and Benefits – *Additional Deka Fahrenheit® specific benefits on next page*

<b>Plates Formed Using Exclusive IPF® Technology</b>	Optimizes power capacity, cell consistency, and long-term reliability
<b>Valve-Regulated</b>	Eliminates periodic watering, corrosive acid fumes, and spills
<b>MICROCAT® Catalyst</b>	Lowers float current, decreases internal temps and the risk of dryout
<b>Positive Plate</b>	Pure lead, tin alloy
<b>Post Seal</b>	Epoxy sealed to prevent leaks and corrosion damage
<b>Case and Cover</b>	Molded high impact flame retardant polypropylene, UL 94 V-0, 28% L.O.I.
<b>Safety Valve and Flame Arrestor</b>	100% tested valve, high positive pressure, self sealing
<b>Rated Non-Spillable by ICAO, IMDG, IATA, and DOT</b>	Transports easily and safely by air, no special containers needed



# SPACESAVER® SYSTEM *12-Volt Deka Fahrenheit®*

**The 12-Volt Fahrenheit Spacesaver System** stands up to the toughest conditions for the ultimate dependability in switchgear applications. Elevated temperatures have always been one of the lead battery's more formidable foes, requiring costly cooling systems installation and constant energy demands. Along with the cost associated in purchasing and installing cooling units, there's the continual cost and energy loss from powering these systems. Multiply that by every site, and the expense keeps growing.

The Deka Fahrenheit® is a heat-tolerant VRLA monobloc battery design that survives up to 3 times longer in temperatures of 60°C — far beyond the life of a normal VRLA battery. Innovative product features include an exclusive Thermal Management Technology System that saves considerable cost, conserves energy, and reduces the overall sites CO<sub>2</sub> footprint.

## HT200ET Fahrenheit® Feature and Benefits

- Helios™ Additive reduces float current up to 75% enhancing high temperature life
- THT™ Plastic specifically formulated heat resistant plastic case and cover optimizes compression
- Microcat® Catalyst lowers float current, mitigates thermal buildup and cell dryout
- Exclusive IPF® Technology optimizes power capacity, cell consistency, and long-term reliability
- TempX™ Alloy inhibits corrosion under the highest temperature extremes





# A Passion for Power

A private, family-owned company founded in 1946 offering a broad range of power solutions for transportation, motive power, reserve power, and wire and cable. The company produces more than 515 battery types under our Deka brand as well as other well-known brands for cars, boats, motorcycles, forklifts, stationary backup systems and many other applications.

LYON STATION, PA



KUTZTOWN, PA



WIRE, CABLE, AND BATTERY  
ACCESSORY PRODUCTS FACILITY

CORYDON, IA



BATTERY PRODUCTION  
FACILITY

OELWEIN, IA



FILL, FORM, FINISH, AND  
DISTRIBUTION FACILITY

**Operating the largest, single-site battery manufacturing facility in the world with on-site battery recycling in Lyon Station, PA, and distribution facilities across the country.**

- Five large battery manufacturing plants
- Five distribution centers across the U.S.
- One Finishing Distribution Center
- Extensive warehouse network throughout U.S. and Canada
- Company-owned fleet
- Oxide production & lead refinery
- Plastic refinery and molding
- Acid reclamation and wastewater treatment
- Machine tooling & maintenance
- Construction & electrical
- Continuous Improvement, Technical and Innovation Centers

## CERTIFICATIONS

QUALITY SYSTEM  
CERTIFIED  
**ISO 9001**  
ENVIRONMENTAL  
SYSTEM CERTIFIED  
**ISO 14001**

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the State of California to cause cancer and reproductive harm. Batteries also contain other chemicals known to the State of California to cause cancer. **WASH HANDS AFTER HANDLING.**

## SUSTAINABILITY



Committed to protecting the health, safety, and vitality of environment, employees, and surrounding community. See our sustainability report at [www.dekabatteries.com](http://www.dekabatteries.com)



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E.P.M. Form No. 2507 02/22

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