

POWER PS SONIC

TRUSTED BATTERY SOLUTIONS

Life Safety

Fire and Security



Fire Panels



Security Panels



Access Control

Certified Power Solutions for Life Safety

Trusted by OEMs, Chosen for Critical Systems



Fire and Security

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Introduction to Power-Sonic

For over 55 years, Power-Sonic has been at the forefront of energy storage solutions, delivering advanced battery technologies trusted worldwide.

With a proven legacy of reliability, we provide sealed lead-acid and lithium batteries engineered for demanding environments. Our expertise, stringent quality standards, and global supply chain services make us the partner of choice for OEMs and integrators. In life safety and security, Power-Sonic ensures dependable power when it matters most, backed by engineering excellence and certified safety.



Fire and Security Applications

In fire and security applications, battery reliability can mean the difference between safety and catastrophe. Fire alarms, security systems, and access control panels must perform without interruption even during prolonged power outages. These applications face strict regulatory demands, harsh environmental conditions, and the need for long-term standby readiness.

Power-Sonic batteries are designed to meet these challenges. With VdS-certified models, V0 flame retardant casings, and extended service life options, our solutions guarantee critical backup power. For system manufacturers, installers, and end-users, Power-Sonic provides peace of mind through proven performance, safety-first design, and flexible supply support.

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Top 3 Applications

Fire Panels



Fire alarm control panels monitor detection devices and initiate alarms or suppression. During mains failure, backup batteries must sustain operation for 24–72 hours, carrying both panel and alarm loads. Batteries must withstand temperature variations, self-discharge, and immediate load switching. Power-Sonic solutions ensure uninterrupted fire safety operation.

Security Panels



Security panels manage motion detectors, sensors, alarms, and communications. In outages, backup power sustains control logic and signaling to central stations. Batteries must deliver high-current bursts, recover quickly, and maintain float charge stability. Power-Sonic batteries provide the reliability required to keep security systems operational under stress.

Access Control Systems



Access control systems safeguard entry and exit through card readers, locks, and controllers. Backup batteries must deliver steady voltage for electromagnetic locks, readers, and door control units. Reliable continuity prevents lockouts and ensures safe egress during emergencies. Power-Sonic batteries guarantee uninterrupted access system functionality.



Why Power-Sonic Makes the Difference

- **OEM Partnerships:** Trusted by leading system manufacturers for integration into fire, security, and access control solutions.
- **Safety Commitment:** UL94 V-0 flame retardant casing options set the highest benchmark for safety.
- **Flexible Supply Services:** Tailored distribution and support programs align with installation schedules, maintenance plans, and emergency replacement needs.



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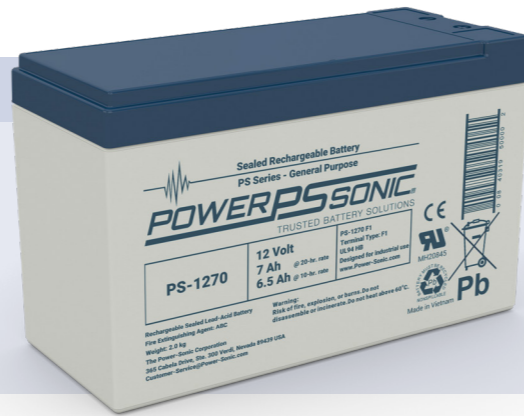
Top 3 Product Ranges

VdS Approved Range



Key Features: **VdS** **CE** **UL**

- Certified by VdS, a leading fire protection standard
- Ensures regulatory compliance in critical markets
- Field-proven reliability in fire and security applications
- Trusted by system manufacturers for compliance readiness
- Many of our VdS approved models are available in flame retardant V0 casing.



Technical Highlights:

Models such as **PS-1270 VdS** (12 V, 7Ah) and **PS-12450 VdS** (12 V, 45 Ah) provide VRLA AGM technology with endurance defined by VdS approval requirements.

Application Fit:

VdS approval is often required by insurers and safety authorities. Choosing certified batteries simplifies compliance and guarantees reliability in fire safety installations.

V0 Flame Retardant Range



Key Features: **UL94 V-0** **CE** **UL**

- UL94 V-0 flame retardant casing
- Enhanced fire safety in enclosed panels
- Available across PS and PG product families
- Meets stringent safety standards and directives



Technical Highlights:

Examples include **PS-1208JST FR** (12 V, 0.8 Ah) and **PG series FR models**. Flame-retardant housings limit propagation and comply with IEC and Low Voltage Directive requirements.

Application Fit:

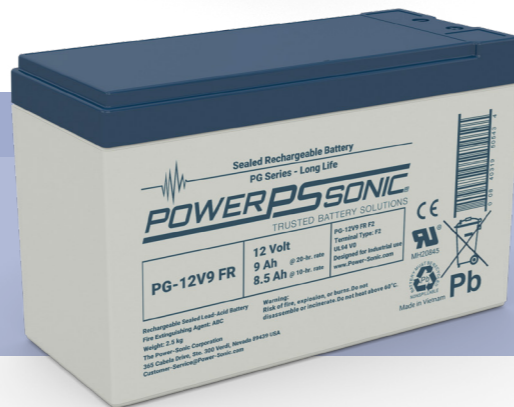
Essential for fire and security installations, V0 casings add a critical layer of safety by preventing battery casings from fueling fires.

Long Life Range



Key Features: **UL94 V-0** **CE** **UL**

- 10–12 year design life
- Thick plate AGM construction for extended durability
- Reduced maintenance and total cost of ownership
- Reliable float performance over system life



Technical Highlights:

The PG series, including **PG-12V45 FR** (12 V, 45 Ah) and **PG-12V28 FR** (12 V, 28 Ah), is engineered for long service intervals, extended design life and performance consistency.

Application Fit:

Perfect for critical safety systems where maintenance access is limited or costly. Long-life batteries reduce replacements and ensure consistent performance over time.



Fire and Security

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Trusted Power for Life Safety



Power-Sonic delivers more than just batteries, we deliver trusted power solutions that keep life safety systems running when everything else stops. With a strong track record of OEM partnerships, certified product ranges, and a commitment to safety, Power-Sonic is the name professionals rely on in fire, security, and access control.

Our mission is simple: provide the most reliable, safe, and efficient energy solutions for critical applications where failure is not an option.

Ensure uninterrupted protection for your fire and security systems with Power-Sonic's certified, high-reliability battery solutions. Explore our VdS, V0 flame retardant, and long life ranges to find the right solution for your project.

Reliable Power, Proven Safety.



Scan to Start Your Enquiry



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