Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Interstate Batteries SLA0955

Interstate Batteries Power Patrol 6V 10Ah Battery

Model: SLA0955

Product Overview

The Interstate Batteries Power Patrol 6V 10Ah SLA0955 is a sealed lead-acid (SLA) rechargeable battery utilizing advanced Absorbent Glass Mat (AGM) technology. This maintenance-free and spill-proof battery is engineered for reliability and long-lasting performance in various critical applications. It is commonly used in UPS backup power solutions, fire and security systems, and emergency lighting, providing dependable power when it's needed most.



Image: Top view of the Interstate Batteries Power Patrol 6V 10Ah SLA0955 battery, showcasing the brand logo and model number.

Installation and Setup

Proper installation is crucial for the optimal performance and longevity of your Interstate Batteries SLA0955 battery.

Always ensure safety precautions are followed during installation.

1. **Safety First:** Before handling the battery, wear appropriate personal protective equipment, including safety glasses and gloves. Ensure the device or system the battery will power is turned off and disconnected from any power source.
2. **Check Compatibility:** Verify that the physical dimensions (5.94 inches L x 1.97 inches W x 3.70 inches H) and voltage (6V) of the SLA0955 battery are compatible with your application's requirements.
3. **Terminal Connection:** The SLA0955 battery features F1 (.187") Faston Spades terminals. Connect the positive (+) terminal of the battery to the positive terminal of your device and the negative (-) terminal to the negative terminal. Ensure connections are secure and tight to prevent arcing or poor performance.
4. **Secure Placement:** Place the battery in a stable, well-ventilated area, away from direct sunlight, heat sources, and flammable materials. Ensure it is secured to prevent movement or damage.
5. **Initial Charge:** Although the battery may come partially charged, it is recommended to fully charge it before the first use to maximize its lifespan and performance. Refer to your device's manual for specific charging instructions or use a compatible 6V SLA battery charger.



Image: The Interstate Batteries SLA0955 battery with its dimensions (length, width, height) clearly indicated, along with its voltage and capacity.

Operation Guidelines

The Interstate Batteries SLA0955 is designed for reliable operation in various applications. Understanding its voltage regulation for different uses is key to optimal performance.

- **Application Versatility:** This battery is ideal for UPS backup power systems, providing uninterrupted power during

outages. It is also widely used in fire and security systems to ensure continuous operation, and in emergency lighting for safety.

- **Voltage Regulation:**

  Recommended Voltage Regulation

Application	Voltage Regulation
Standby Use	6.75V ~ 6.90V
Cycle Use	7.20V ~ 7.50V

Note: Adhering to these voltage ranges will help maximize the battery's lifespan and ensure stable power delivery.

- **Charging:** Always use a charger specifically designed for 6V sealed lead-acid batteries. Avoid overcharging or deep discharging, as this can significantly reduce battery life.



Image: The Interstate Batteries SLA0955 battery displayed with the text "Tested Tough, Trusted for 70+ Years," emphasizing the brand's long-standing reliability.

Care and Maintenance

The SLA0955 battery is designed to be maintenance-free, but proper care can extend its service life.

- **Cleaning:** Keep the battery terminals and casing clean and free of dirt or corrosion. Use a dry cloth or a slightly damp cloth if necessary. Do not use solvents or harsh chemicals.
- **Storage:** If storing the battery for an extended period, ensure it is fully charged and stored in a cool, dry place. Periodically check the voltage and recharge if it drops below 6.3V to prevent sulfation.
- **Temperature:** Operate and store the battery within its recommended temperature range to prevent damage and ensure optimal performance. Extreme temperatures can shorten battery life.
- **Recycling:** When the battery reaches the end of its life, dispose of it responsibly. Interstate Batteries is committed to recycling lead-acid batteries. Contact local recycling centers for proper disposal.



Image: A detailed cutaway diagram illustrating the internal components of a Sealed Lead-Acid (SLA) battery, including the plastic PVC case, one-way purge valve, terminals, sealed post, COS welded connection, special lead plate, active material, and absorbent glass mat separator.



Image: An illustrative diagram explaining the Absorbed Glass Mat (AGM) technology used in the battery, showing the layers of positive and negative plates separated by an absorbent glass mat that holds the electrolyte.



Image: A visual emphasizing Interstate Batteries' commitment to recycling, stating "We recycle over 900 million pounds of lead per year," with a green recycling logo.

Troubleshooting

If you encounter issues with your SLA0955 battery, consider the following common troubleshooting steps:

- **Battery Not Holding Charge:**
  Ensure the charger is compatible with 6V SLA batteries and is functioning correctly. Check for loose or corroded terminal connections. The battery might have reached the end of its service life if it's old or has been repeatedly deep-discharged.
- **Device Not Powering On:**
  Verify that the battery is fully charged. Check all connections for proper contact and tightness. Confirm that the device itself is not faulty.
- **Reduced Runtime:**
  This could indicate the battery is aging or not receiving a full charge. Review charging practices and consider

replacing the battery if it's significantly underperforming.

- **Physical Damage or Swelling:**
  Immediately discontinue use if you notice any physical damage, swelling, or leakage. This indicates a serious issue, and the battery should be safely replaced and recycled.

For more detailed troubleshooting, please refer to the officialTroubleshooting Guide (PDF) provided by Interstate Batteries.

Technical Specifications

Feature	Detail
Model Number	SLA0955
Voltage	6 Volts
Capacity	10 Amp Hours (Ah)
Battery Type	Sealed Lead Acid (SLA) / Absorbent Glass Mat (AGM)
Terminal Type	F1 - .187" Faston Spades
Product Dimensions (L x W x H)	5.94 x 1.97 x 3.7 inches
Item Weight	3.68 ounces
Maintenance	Maintenance-free
Spill Proof	Yes (VRLA technology)
Recommended Uses	UPS Backup Systems Power Solutions, Security Systems, Emergency Lighting

Warranty Information

The Interstate Batteries Power Patrol 6V 10Ah SLA0955 battery is backed by a**12-month warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use and service. Please retain your proof of purchase for any warranty claims. For full details regarding warranty terms and conditions, please refer to the official Interstate Batteries warranty policy or contact customer support.

Customer Support and Resources

For further assistance, detailed guides, or to contact customer support, please use the following resources:

- **Official User Guide:** Access the comprehensive User Guide (PDF) for in-depth information on your SLA0955 battery.
- **Troubleshooting Guide:** For specific issues, consult the Troubleshooting Guide (PDF).
- **Interstate Batteries Store:** Visit the official Interstate Batteries Store on Amazon for more products and information.
- **Contact Support:** For direct assistance, please visit the Interstate Batteries official website or contact their customer service line (details typically found on the product packaging or official website).

Official Product Video

Your browser does not support the video tag.

Video: An official video from Interstate Batteries titled "Interstate Batteries - Outrageously Dependable." This video highlights the brand's

commitment to reliability and long-lasting power, showcasing various applications where Interstate Batteries provide trusted performance.

© 2024 Interstate Batteries. All rights reserved.

This manual is for informational purposes only. Specifications are subject to change without notice.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B000BP7L4C

More documents and user manuals: **https://manuals.plus/**