Gallagher APC1250

Gallagher APC1250 Electric Fence 12-Volt Battery User Manual

Model: APC1250 | Brand: Gallagher

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Gallagher APC1250 Electric Fence 12-Volt 5-Amp Battery. This rechargeable, sealed battery is designed for use with the S20 Solar Unit and requires no maintenance.
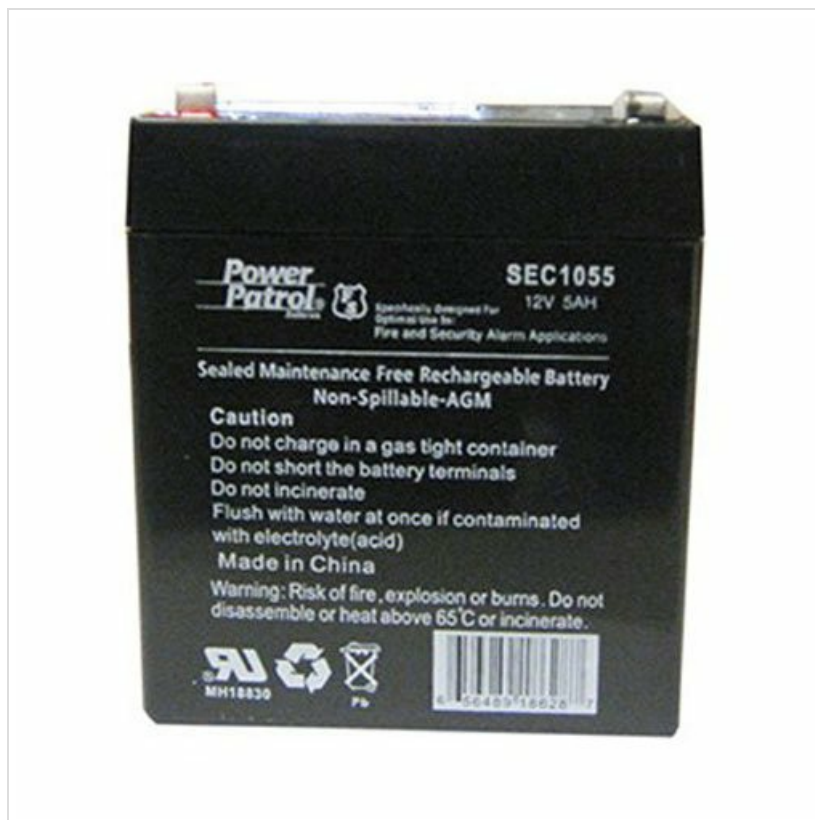

Image: The Gallagher APC1250 12-Volt 5-Amp Electric Fence Battery. This image shows the compact design of the battery, which is a replacement for the S20 Solar Unit.

2. SAFETY INFORMATION

Please read and understand all safety instructions before operating the battery. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Always disconnect the battery from the energizer before performing any maintenance or installation.
- Do not expose the battery to extreme temperatures or direct sunlight for prolonged periods.
- Do not attempt to open, disassemble, or modify the battery. It is a sealed unit.
- Keep the battery away from children and pets.
- Ensure proper ventilation when charging the battery.
- Dispose of used batteries according to local regulations.

3. SETUP

3.1 Unpacking

1. Carefully remove the Gallagher APC1250 battery from its packaging.
2. Inspect the battery for any signs of damage. If damaged, do not use and contact your supplier.

3.2 Installation (for S20 Solar Unit)

1. Ensure the S20 Solar Unit is turned off and disconnected from any power sources.
2. Locate the battery compartment on your S20 Solar Unit.
3. Insert the APC1250 battery into the compartment, ensuring the terminals align correctly with the energizer's connectors.
4. Secure the battery compartment cover.
5. The battery is now ready for initial charging or operation with the S20 Solar Unit.

4. OPERATING

The Gallagher APC1250 battery is designed to power the S20 Solar Energizer. Once installed, the solar panel of the S20 unit will manage the charging and discharging of the battery.

4.1 Initial Charge

For optimal performance, allow the S20 Solar Unit with the newly installed battery to charge in direct sunlight for at least 72 hours before activating the fence energizer for the first time. This ensures the battery reaches a full charge.

4.2 Normal Operation

- The S20 Solar Unit will automatically charge the battery during daylight hours and draw power from it to operate the fence energizer during the night or cloudy periods.
- Monitor the energizer's indicator lights (if available) to ensure proper operation and battery status.

5. MAINTENANCE

The Gallagher APC1250 is a maintenance-free, sealed battery. Regular maintenance is not required for the battery itself. However, ensure the solar panel of your S20 unit is kept clean for efficient charging.

- **Cleaning:** Periodically wipe down the exterior of the battery and the solar panel with a damp cloth to

remove dust and debris. Do not use harsh chemicals.

- **Storage:** If storing the S20 Solar Unit and battery for an extended period, ensure the battery is fully charged before storage. Store in a cool, dry place. Recharge every 3-6 months if not in use to prevent deep discharge.

6. TROUBLESHOOTING

If you experience issues with your S20 Solar Unit's power, consider the following:

Problem	Possible Cause	Solution
Energizer not working or weak output	Battery not fully charged	Ensure solar panel is clean and receiving direct sunlight. Allow 2-3 days for full charge.
Energizer stops working at night	Insufficient battery charge during the day	Check solar panel for obstructions or dirt. Ensure adequate sunlight exposure.
Battery not holding charge	Battery has reached end of life	Replace the battery with a new Gallagher APC1250.
Physical damage to battery	Impact or improper handling	Do not use a damaged battery. Dispose of safely and replace.

7. SPECIFICATIONS

- **Model Name:** APC1250 Electric Fence Battery
- **Voltage:** 12 Volts
- **Current:** 5 Amp
- **Reusability:** Rechargeable
- **Type:** Sealed, Maintenance-Free
- **Product Dimensions:** 3 x 3.5 x 4 inches
- **Item Weight:** 3 pounds
- **Compatibility:** Designed for Gallagher S20 Energizer