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› FenceMate AC Powered Electric Fence Charger (0.15J) Instruction Manual

FenceMate 0.15 Watts

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Model: 0.15 Watts

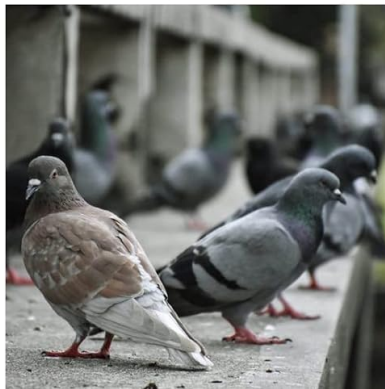
1. INTRODUCTION

This manual provides essential information for the safe and effective installation, operation, and maintenance of your FenceMate AC Powered Electric Fence Charger (0.15J). Please read these instructions thoroughly before use to ensure optimal performance and safety.

Product Overview

The FenceMate 0.15J Electric Fence Charger is designed for electric fences made of steel, aluminum, or other conductive wires, ropes, braids, tapes, or nets. It is suitable for containing small pets and poultry, and for deterring rodents and nuisance animals such as rabbits, squirrels, groundhogs, and skunks from gardens, homesteads, and ponds.

The effective powered fence distance is approximately 0.5 miles (2 acres) on average with multiple steel or aluminum wires and minimal vegetation. Under ideal conditions (single steel or aluminum wire, no vegetation), it can power up to 2 miles (8 acres). Note that heavy vegetation and poly fence products will reduce the overall power and effective distance of the energizer.



The FenceMate 0.15J charger is effective for containing small animals and deterring pests.

2. SAFETY INFORMATION

- **Risk of Electric Shock:** Always exercise caution when installing or servicing the electric fence system. Read all instructions before use.
- **Warning Signs:** Install appropriate warning signs on the fence where individuals may easily come into contact with it.
- **Installation Location:** Although the unit has a rainproof design and can operate in extreme temperatures (-25°C to 65°C), it is recommended for indoor installation or in a dry location, such as within a protective box or under a shelter. Ensure it is connected to a 110/120 V, 60 Hz power line.
- **Grounding:** A proper grounding system with a dedicated ground rod (earth spike) is crucial for the effective and safe operation of the electric fence.
- **Children and Animals:** Do not allow children or untrained individuals to operate or tamper with the fence charger. Ensure animals are introduced to the fence safely.

3. PACKAGE CONTENTS

Verify that all components are present in the package:

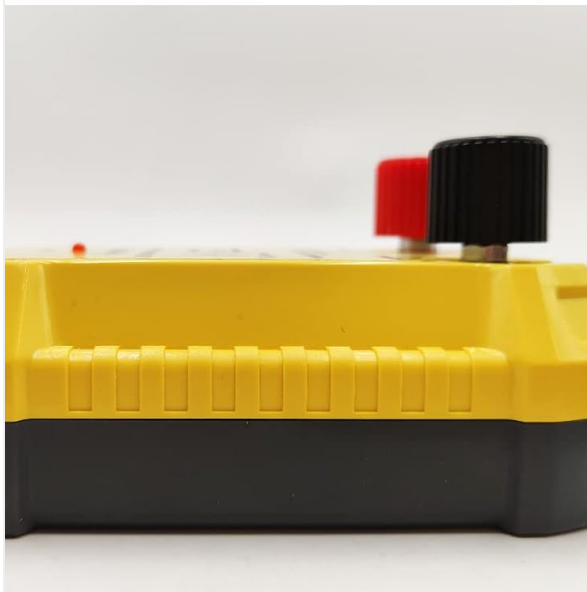
- FenceMate AC Powered Electric Fence Charger (0.15J)

4. PRODUCT FEATURES AND COMPONENTS

- **Compact and Sealed Structure:** Designed for durability and protection.
- **Dual Terminals:** Equipped with a black ground terminal for connection to a separate ground rod and a red fence terminal for connection to the fence line.
- **Pulse Indicator Light:** A flashing light indicates that the unit is operating and sending pulses to the fence.
- **Lightning Protection:** Integrated for enhanced durability and safety.
- **High Voltage Output:** Peak voltage of 4.5 kV, and 3 kV under a 500 Ω load.



Key components and dimensions of the FenceMate Electric Fence Charger.



Detailed view of the pulse indicator, terminals, and mounting features.

5. INSTALLATION AND SETUP

Site Selection

Choose a location that is protected from direct weather exposure. While the unit is rainproof, installing it indoors, in a protective box, or under a shelter will prolong its lifespan. Ensure the location has access to a standard 110/120 V, 60 Hz power outlet.

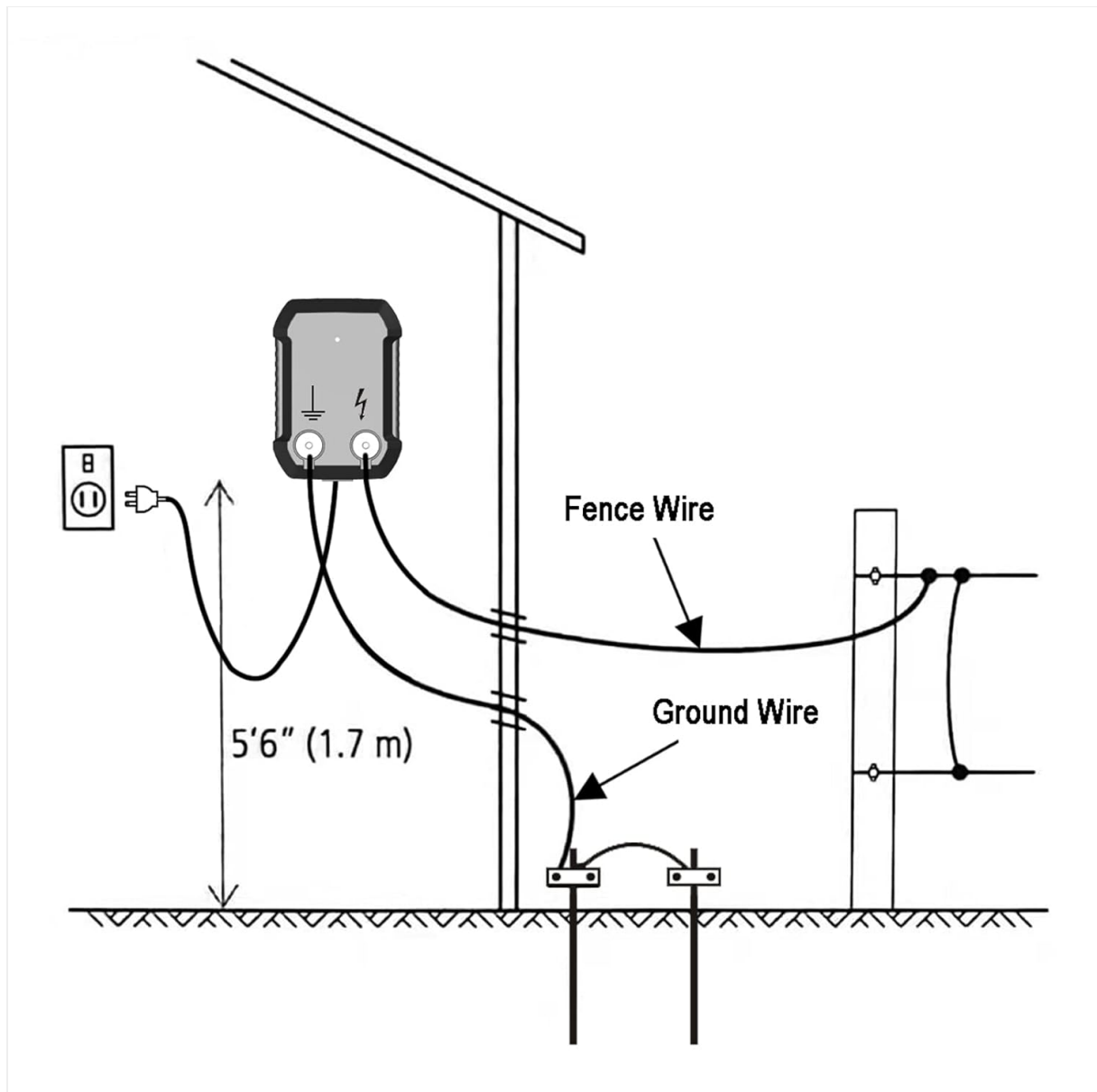
Grounding System

A robust grounding system is critical for the fence energizer to function correctly. Install a separate ground rod (earth spike) at least 6 feet (1.8 meters) into the soil, away from other utility grounds. The effectiveness of your fence largely depends on a good ground connection.

Connecting the Energizer

1. **Mount the Energizer:** Securely mount the energizer to a wall or post using the integrated mounting holes. Ensure it is at a height of approximately 5'6" (1.7 m) from the ground, or as appropriate for your setup, to prevent accidental contact.
2. **Connect Ground Wire:** Connect a wire from the black ground terminal on the energizer to your installed ground rod. Use appropriate insulated wire for this connection.

3. **Connect Fence Wire:** Connect a wire from the red fence output terminal on the energizer to your electric fence line. Ensure all fence connections are secure and insulated where necessary.
4. **Power Connection:** Once all ground and fence connections are made, plug the energizer into a standard 110/120 V, 60 Hz AC power outlet.



Typical installation diagram for the FenceMate Electric Fence Charger.

6. OPERATION

After completing the installation steps, plug the energizer into the power outlet. The pulse indicator light on the unit should begin to flash, indicating that the energizer is actively sending electrical pulses through the fence line. This light confirms proper operation.

7. MAINTENANCE

- **Regular Inspection:** Periodically check the fence line for vegetation growth that may be touching the wires, as this can reduce fence effectiveness. Clear any vegetation as needed.
- **Connection Checks:** Ensure all connections, including power, ground, and fence wires, remain secure and free from corrosion.
- **Unit Cleanliness:** Keep the energizer unit clean and free from dust and debris. If installed outdoors,

regularly check its protective enclosure for integrity.

- **Grounding System:** Verify the ground rod connection is firm and the soil around it remains moist for optimal grounding.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Pulse indicator light not flashing	No power to energizer; Faulty unit; Loose connections.	Check power outlet; Verify all connections are secure; Contact support if unit is faulty.
Fence not delivering sufficient shock	Poor grounding; Vegetation on fence line; Short circuit in fence; Incorrect wire type.	Improve grounding system; Clear all vegetation from fence; Inspect fence for breaks or shorts; Ensure conductive fence materials are used.
Animals breaching fence	Low voltage; Insufficient fence height/design; Animals are accustomed to weak shocks.	Check fence voltage with a tester; Adjust fence height or add more strands; Ensure consistent strong shock; Consider a higher output energizer if needed.

9. TECHNICAL SPECIFICATIONS

Specification	Detail
Model	0.15 Watts
Output Energy	0.15 Joules
Power Source	AC 110/120 V, 60 Hz
Peak Voltage	4.5 kV
Voltage @ 500 Ω Load	3 kV
Effective Powered Fence Distance (Average)	0.5 miles / 2 acres (multi steel/aluminum wires, little vegetation)
Effective Powered Fence Distance (Ideal)	Up to 2 miles / 8 acres (single steel/aluminum wire, no vegetation)
Operating Temperature	-25°C to 65°C
Package Dimensions	7.17 x 4.84 x 2.72 inches
Item Weight	12.3 ounces
Manufacturer	FenceMate, Inc.

10. WARRANTY AND SUPPORT

Limited Warranty

This FenceMate Electric Fence Charger comes with a 1-year limited warranty. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact FenceMate customer service. US local after-sale service is available to assist you with any questions or concerns regarding your product.

Contact information (e.g., website, email, phone number) can typically be found on the product packaging or the manufacturer's official website.