

O-CONN SG-120200024AU

O-CONN 12V DC Power Supply for Duabes Self-Cleaning Cat Litter Box

User Manual

1. INTRODUCTION

This manual provides instructions for the safe and effective use of your O-CONN 12V DC Power Supply. This power adapter is specifically designed as a replacement power cord for Duabes Self-Cleaning Cat Litter Boxes, ensuring proper functionality and compatibility. Please read this manual thoroughly before installation and use.

2. SAFETY INFORMATION

To prevent electric shock, fire, or damage to the product, please observe the following safety precautions:

- Use only with a standard 120V AC wall outlet.
- Do not expose the power supply to water, moisture, or high humidity. Use indoors only.
- Do not disassemble, modify, or attempt to repair the power supply. Refer servicing to qualified personnel.
- Ensure the power cord is not pinched, walked on, or otherwise damaged. Inspect the cord regularly for any signs of wear or damage.
- Unplug the power supply from the wall outlet during lightning storms or when unused for long periods.
- This power supply features a smart protection system against overvoltage, short circuits, overheating, and power surges. However, always ensure proper ventilation around the adapter.
- The product is UL and FCC certified, meeting North American safety regulations.

Safe & Powerful Litter Box Adapter



Image: The O-CONN power adapter highlighting its safety features including UL & FCC certification, surge protection, overvoltage protection, overheating control, and energy saving capabilities.

3. PRODUCT OVERVIEW

The O-CONN 12V DC Power Supply is designed to provide stable and reliable power to your Duabes Self-Cleaning Cat Litter Box. It features a robust 2A output for consistent performance and an energy-efficient design.

Key Features:

- **Direct Replacement:** Specifically engineered for Duabes self-cleaning litter boxes.
- **High Current Output:** Delivers 12V 2A (24W) for reliable operation.
- **Multi-Protection:** Guards against overvoltage, short circuits, overheating, and power surges.
- **Energy Efficient:** Optimized design to reduce energy consumption.
- **Durable Construction:** Features a reinforced cable (UL62-certified with 5kg tensile strength) and precision-molded parts for a secure fit.

Reinforced Cable
UL62-certified with 5kg
tensile strength



Essential Safety
Protections
Overload & short-circuit
prevention



Precision-Molded Parts
Tight tolerances ensure
proper fit



Image: Detailed view of the O-CONN power adapter, highlighting its reinforced cable, essential safety protections against overload and short-circuit, and precision-molded parts for a proper fit.

4. SETUP

Follow these steps to set up your O-CONN 12V DC Power Supply:

1. **Unpack:** Carefully remove the power supply from its packaging.
2. **Locate Litter Box Power Port:** Identify the DC power input port on your Duabes Self-Cleaning Cat Litter Box.
3. **Connect DC Barrel Connector:** Insert the DC barrel connector of the O-CONN power supply firmly into the power input port of the litter box. Ensure a snug and secure connection.
4. **Plug into Wall Outlet:** Insert the two-prong plug of the power adapter into a standard 120V AC wall outlet.
5. **Verify Power:** Once connected, your Duabes Self-Cleaning Cat Litter Box should receive power and indicate its operational status according to its own user manual.

for Duabes Self Cleaning Litter Box



Image: A Duabes Self-Cleaning Cat Litter Box shown with the O-CONN 12V DC Power Supply connected and plugged into a wall outlet, illustrating the setup process.

5. OPERATING INSTRUCTIONS

The O-CONN 12V DC Power Supply operates automatically once connected to a power source and the Duabes Self-Cleaning Cat Litter Box. It continuously provides the necessary power for the litter box to function.

- Ensure the power supply is always plugged into a functional 120V AC outlet.
- The power supply does not have user-adjustable settings. Its operation is to deliver consistent 12V 2A power.
- For specific operational instructions regarding your Duabes Self-Cleaning Cat Litter Box, please refer to the litter box's own user manual.

6. MAINTENANCE

Proper maintenance ensures the longevity and safe operation of your power supply:

- **Cleaning:** Wipe the exterior of the power supply with a dry, soft cloth. Do not use liquid cleaners or immerse in water.

- **Inspection:** Periodically inspect the power cord and connector for any signs of damage, fraying, or loose connections. If damage is found, discontinue use immediately and replace the power supply.
- **Storage:** When not in use for extended periods, unplug the power supply and store it in a cool, dry place away from direct sunlight and extreme temperatures.
- **Ventilation:** Ensure the power adapter is placed in an area with adequate ventilation to prevent overheating.

7. TROUBLESHOOTING

If you encounter issues with your O-CONN 12V DC Power Supply, refer to the following:

- **No Power to Litter Box:**
 - Ensure the power supply is securely plugged into both the wall outlet and the litter box.
 - Try plugging the power supply into a different wall outlet to rule out a faulty outlet.
 - Check the power cord for any visible damage. If damaged, replace the power supply.
 - Confirm that the Duabes litter box itself is functioning correctly by referring to its manual.
- **Power Supply Feels Hot:**
 - It is normal for the adapter to feel slightly warm during operation. However, if it is excessively hot to the touch, unplug it immediately.
 - Ensure there is adequate ventilation around the adapter and no objects are covering it.
 - If overheating persists, discontinue use and contact support.
- **Litter Box Malfunctions After Connecting:**
 - Verify that the power supply specifications (12V, 2A) match the requirements of your Duabes litter box.
 - Consult the Duabes litter box manual for troubleshooting specific to the device.

8. SPECIFICATIONS

| | |
|------------------------------|---------------------------------------|
| Brand | O-CONN |
| Model (Adapter) | SG-120200024AU |
| Input Voltage | 120V AC, 50/60Hz |
| Output Voltage | 12V DC |
| Output Current | 2 Amps |
| Wattage | 24 Watts |
| Connector Type | DC Barrel Connector |
| Compatible Devices | Duabes Self Cleaning Litter Box |
| Safety Certifications | UL, FCC |
| Material | Copper, Thermoplastic Elastomer (TPE) |
| Color | Black |

9. WARRANTY AND SUPPORT

Warranty: This O-CONN 12V DC Power Supply comes with a 1-year warranty from the date of purchase, covering manufacturing defects. Please retain your proof of purchase for warranty claims.

Support: For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact the seller or O-CONN customer support through the platform where the product was purchased. Provide your product model number (SG-120200024AU) and a detailed description of the issue.