

Ozone OZ-FDL-01-STD

# Ozone Smart Digital Main Door Lock Morphy Plus

Model: OZ-FDL-01-STD

Brand: Ozone

## 1. PRODUCT OVERVIEW

The Ozone Smart Digital Main Door Lock Morphy Plus (Model: OZ-FDL-01-STD) is an advanced electronic locking system designed to enhance home security and convenience. This lock offers multiple unlocking mechanisms, robust construction, and smart features for modern households.



Figure 1: Front view of the Ozone Smart Digital Main Door Lock Morphy Plus. This image displays the sleek black finish and the integrated keypad and handle.

## 2. KEY FEATURES

- **Multiple Unlocking Mechanisms:** Supports fingerprint access, user-defined PIN codes, RFID cards, and an emergency override key. Integration with OzoLok Mobile App for OTP access.
- **Enhanced Security:** Features an alarm system for low battery and after 5 consecutive incorrect PIN attempts.
- **Emergency Power:** Equipped with a USB port for power bank backup in case of complete battery drainage.
- **Auto-Locking Functionality:** Ensures the door is secured automatically after closing.
- **Durable Construction:** Made from ABS Plastic and Zinc Alloy, suitable for 35-65 mm door thickness.
- **Capacitive Fingerprint Sensor:** High-resolution 508dpi sensor for reliable fingerprint recognition.

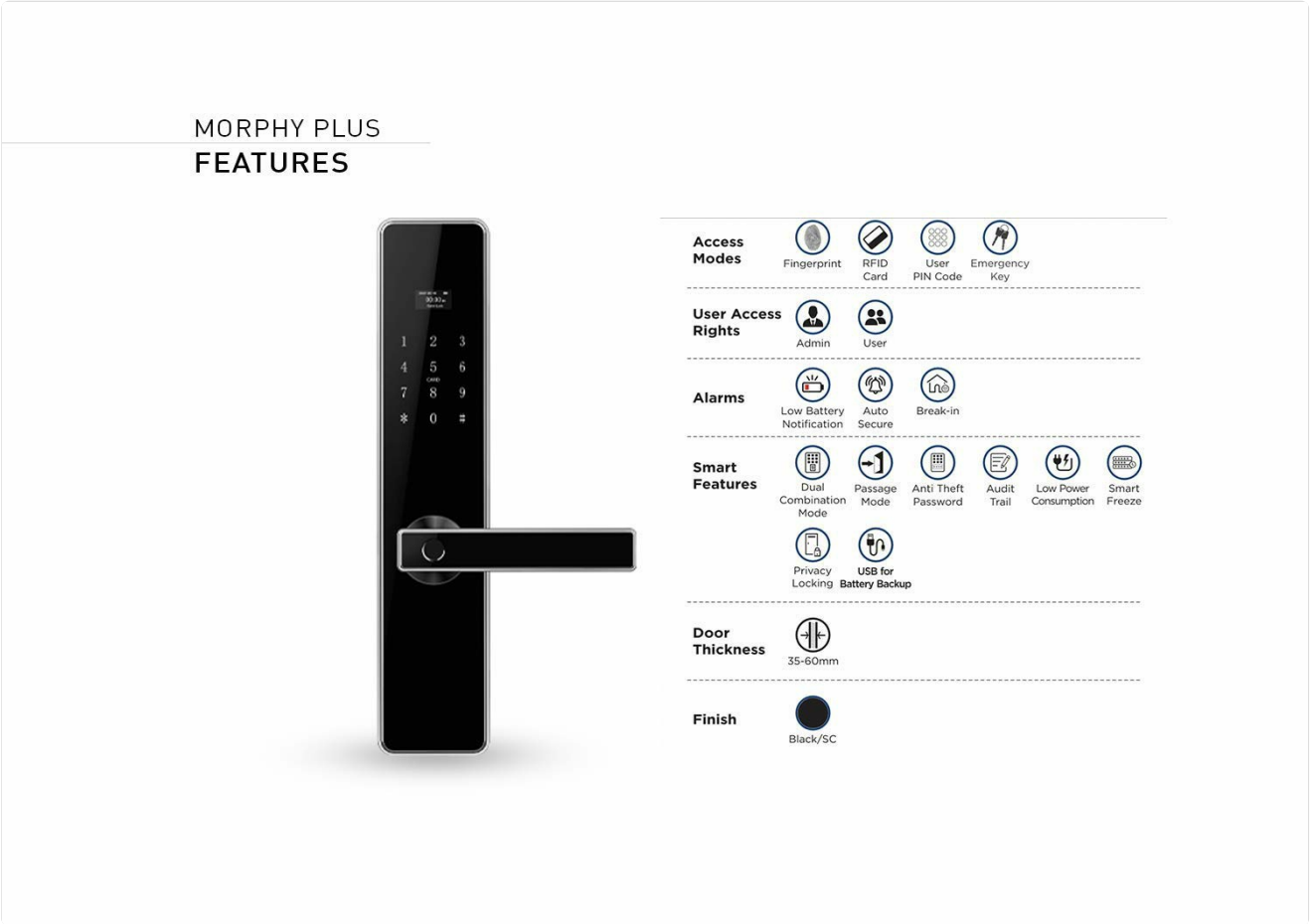


Figure 2: Diagram illustrating the various features of the Morphy Plus lock, including access modes, user access rights, alarms, and smart functionalities.

### 3. SPECIFICATIONS

Attribute	Detail
Brand	Ozone
Model	OZ-FDL-01-STD
Lock Type	Electronic Lock
Material	ABS Plastic + Zinc Alloy
Item Dimensions (L x W x H)	13.4 x 24.8 x 44.6 Centimeters

Door Thickness Compatibility	35-65 mm
Weight	2.5 Kg (Approx.)
Fingerprint Sensor	Capacitive (508dpi)

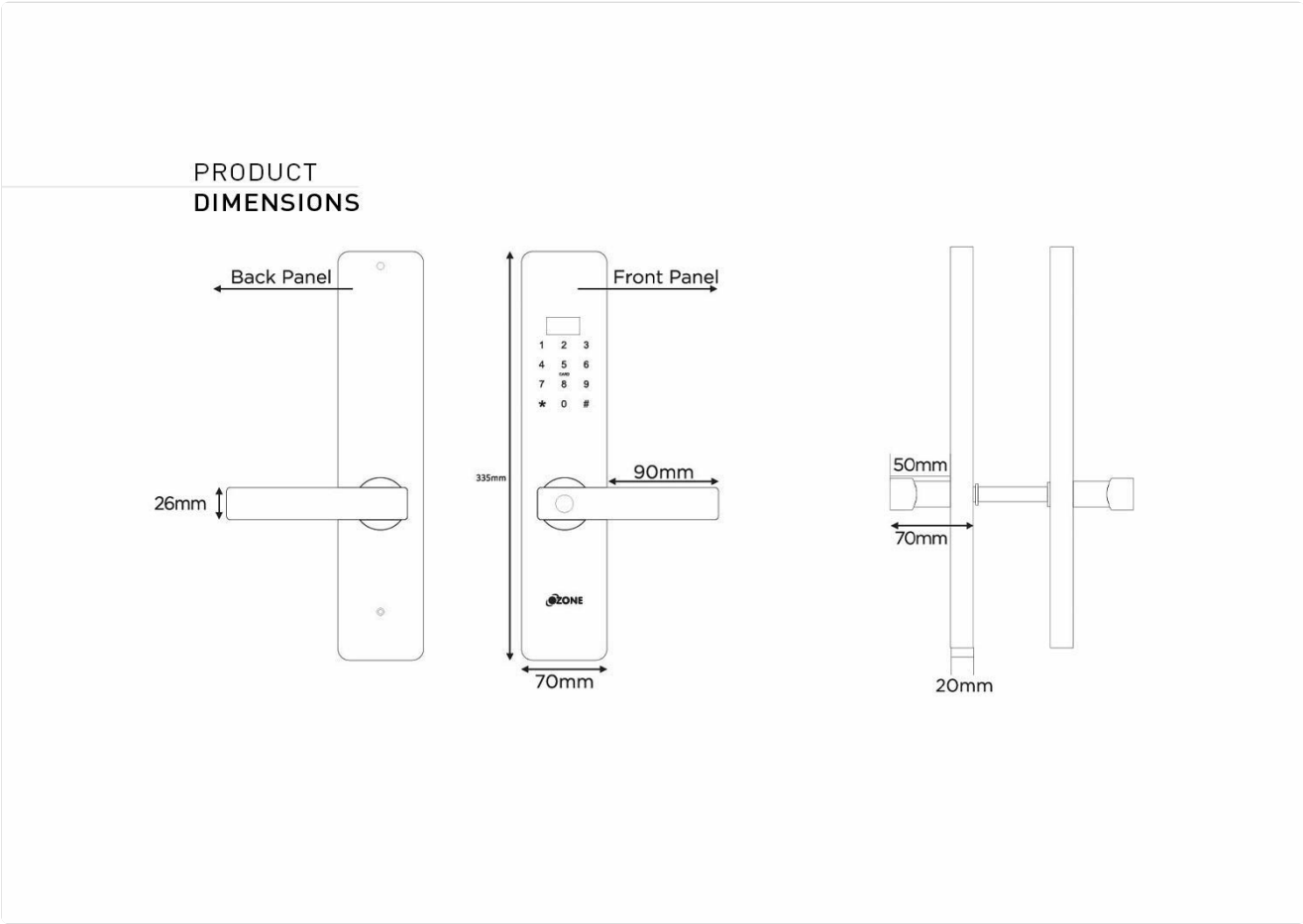


Figure 3: Detailed diagram showing the dimensions of the lock's front and back panels, and the required door preparation measurements.

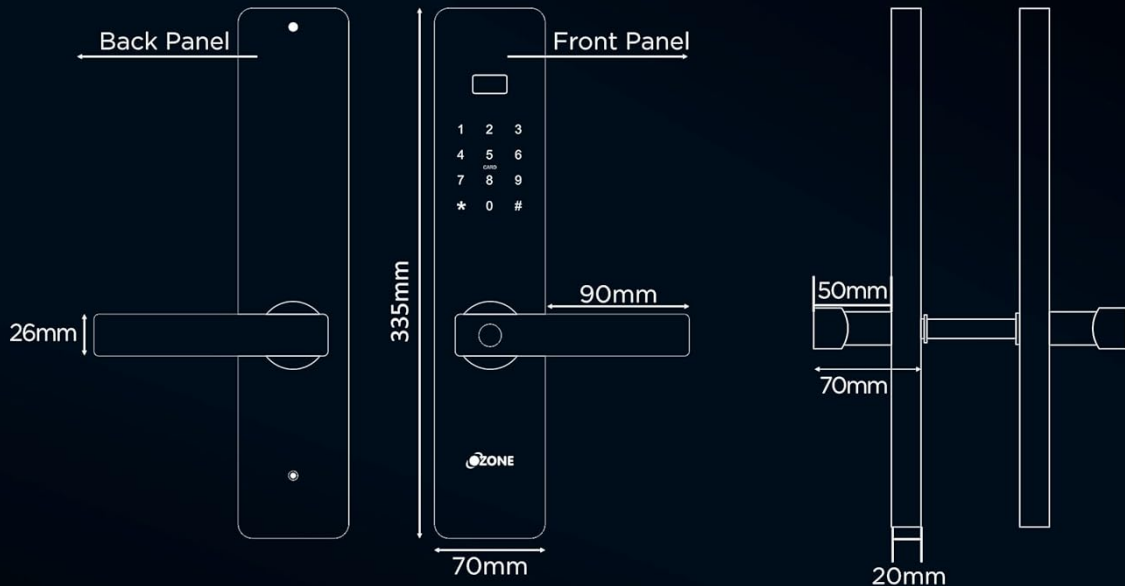
## 4. SETUP AND INSTALLATION

The Ozone Smart Digital Main Door Lock is designed for installation on wooden doors with a thickness between 35-65 mm. Professional installation is highly recommended to ensure proper functionality and security.

### 4.1 Pre-Installation Checks

- Verify door thickness is within the compatible range (35-65 mm).
- Ensure all components listed in the packaging are present.
- Confirm the lock's dimensions (55\*72 mm, 70\*85mm for lock body) are suitable for your door frame.

# PERFECT FIT FOR YOUR DOOR!



**Weight : 3.5Kg (Approx)**



**Door Thickness : 35-100**

Figure 4: Illustration demonstrating the lock's compatibility and fit for standard door dimensions.

## 4.2 Installation Steps (General Guidance)

1. Prepare the door by drilling necessary holes according to the provided template (refer to the detailed installation guide included with the product).
2. Install the mortise lock into the door edge.
3. Mount the front and back panels, ensuring cables are properly connected and routed.
4. Secure the lock assembly with screws.
5. Install batteries and test basic functionality.

For detailed, step-by-step installation instructions, please refer to the dedicated installation manual provided in the product packaging or consult a qualified technician.

## 5. OPERATING INSTRUCTIONS

The Ozone Smart Digital Lock offers multiple ways to unlock your door, providing flexibility and convenience.

## 5.1 Unlocking Methods

- **Fingerprint Access:** Place your registered finger on the capacitive fingerprint sensor. The lock will unlock upon successful recognition.
- **PIN Code:** Enter your registered PIN code on the keypad, followed by the '#' key.
- **RFID Card:** Present the registered RFID card to the designated card reader area on the lock.
- **OzoLok Mobile App (OTP):** Generate a one-time password (OTP) through the OzoLok mobile application and enter it on the lock's keypad.
- **Emergency Override Key:** In case of electronic failure or drained batteries, use the physical emergency key to unlock the door.

## 5.2 User Management

The lock allows for the registration and management of multiple users, including administrators and regular users. Refer to the full user manual for detailed steps on adding, modifying, or deleting fingerprints, PINs, and RFID cards.

## 5.3 Auto-Locking Feature

The lock is equipped with an auto-locking mechanism that secures the door automatically after it closes. Ensure the door is fully closed for this feature to engage.

# 6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Ozone Smart Digital Lock.

## 6.1 Battery Replacement

- The lock will trigger an alarm when the battery level falls below a user-defined threshold, indicating it's time for replacement.
- Replace all batteries simultaneously with new, high-quality alkaline batteries of the specified type.
- **Emergency Power Backup:** If batteries are completely drained, connect a power bank to the USB port on the lock to temporarily power it and gain access.

## 6.2 Cleaning

- Wipe the lock's surface with a soft, dry cloth.
- Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish and electronic components.

# 7. TROUBLESHOOTING

This section addresses common issues you might encounter with your smart lock.

Problem	Possible Cause	Solution
Lock does not respond.	Drained batteries.	Connect a power bank to the USB port or replace batteries.
Fingerprint not recognized.	Improper finger placement; dirty sensor; unregistered fingerprint.	Ensure finger is clean and placed correctly; clean sensor; re-register fingerprint if necessary.

PIN code not working.	Incorrect PIN entered; lock is in alarm state.	Verify PIN; wait for alarm to clear or reset lock (refer to full manual).
Lock alarms frequently.	Low battery; multiple incorrect PIN attempts.	Replace batteries; avoid repeated incorrect entries. The lock triggers an alarm after 5 consecutive wrong PIN attempts.

For more complex issues or if the problem persists, please contact Ozone customer support.

## 8. WARRANTY AND SUPPORT

The Ozone Smart Digital Main Door Lock Morphy Plus (Model: OZ-FDL-01-STD) comes with a **24-month warranty** from the date of purchase. This warranty covers manufacturing defects and ensures the product's proper functioning under normal use conditions.

### 8.1 Customer Support

For technical assistance, warranty claims, or any other inquiries, please contact Ozone customer support through their official channels. Keep your purchase receipt and product model information handy when contacting support. Visit the official Ozone website or refer to your product packaging for the most up-to-date contact information.

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

Documents - Ozone – OZ-FDL-01-STD



#### [Ozone OZ-FDL-01 Smart Lock User Manual](#)

Comprehensive user manual for the Ozone OZ-FDL-01 Smart Lock, covering installation, specifications, features, and operating instructions for this electronic locking system.

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