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Eseesmart 80BF-80

Eseesmart Smart Fingerprint Door Lock Cylinder 80mm (40/40) User Manual

Model: 80BF-80

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1. Setup and Installation

The Eseesmart Smart Fingerprint Door Lock is designed for straightforward installation, replacing your existing mechanical cylinder knob without the need for drilling or complex wiring. Ensure your door meets the compatibility requirements before proceeding.

1.1 Compatibility Requirements

- **Cylinder Length:** The lock cylinder features an external length of 40 mm and an internally adjustable length from 40 mm to 65 mm.
- **Door Thickness:** Suitable for doors with a thickness ranging from 80 mm to 105 mm.
- **Keyhole Clearance:** A minimum distance of 23 mm is required between the door frame and the keyhole for proper installation.



Figure 1.1: Door thickness and keyhole clearance requirements.

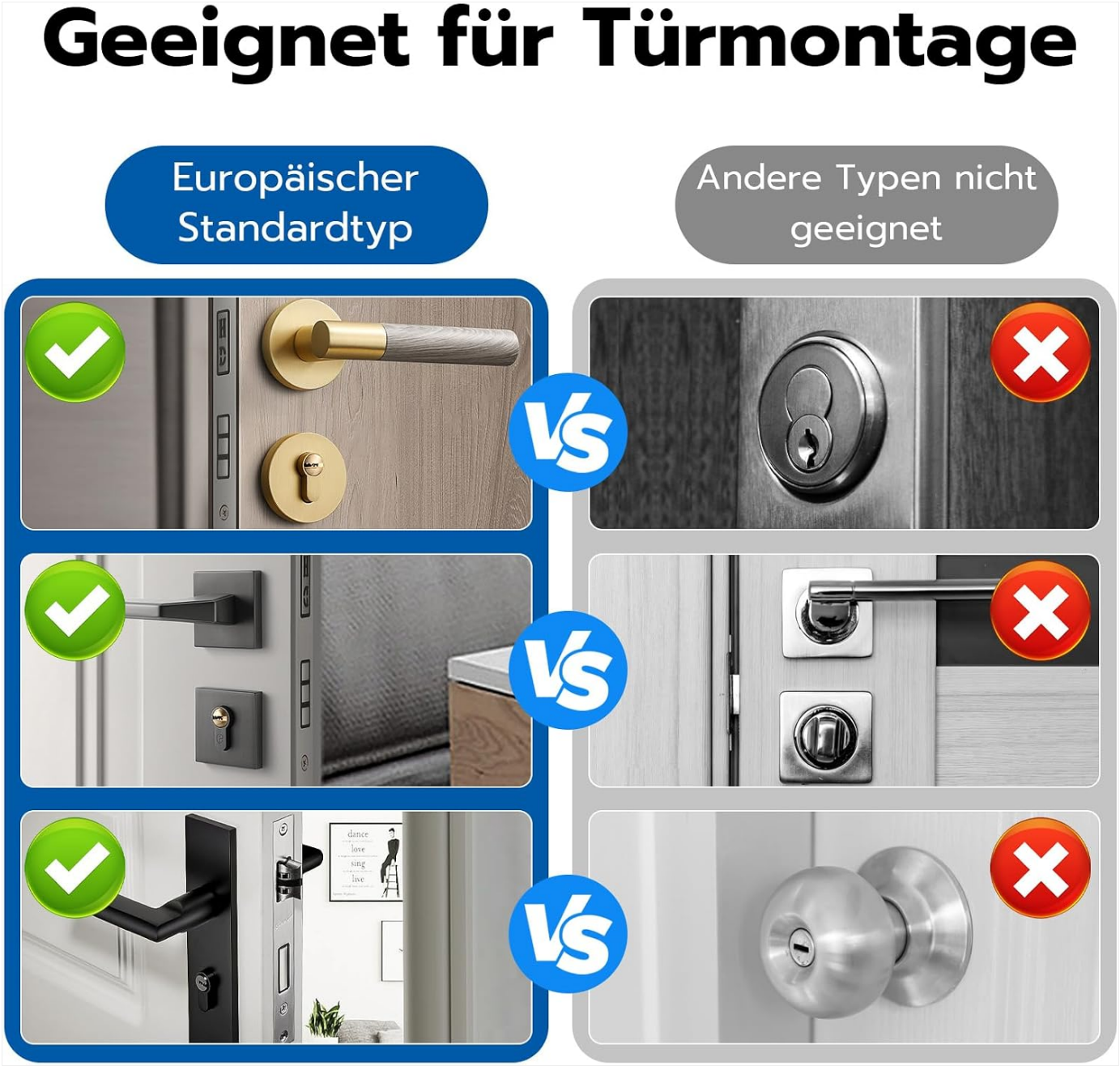


Figure 1.2: Examples of compatible and incompatible door types.



Figure 1.3: Adjustable cylinder length diagram.

1.2 Installation Steps

The installation process typically takes around 3 minutes. Follow these general steps:

1. Remove your existing mechanical door cylinder knob.
2. Insert the Eseesmart Smart Lock cylinder into the door.
3. Secure the lock using the provided screws and screwdriver.
4. Ensure the lock is properly aligned and functions smoothly.



Figure 1.4: Visual guide for replacing a standard cylinder with the smart lock.

1.3 Package Contents

- 1 x Eseesmart Electronic Door Lock Cylinder
- 2 x Mechanical Keys
- 1 x Screwdriver
- User Manual (this document)

2. Operating the Smart Lock

The Eseesmart Smart Lock offers multiple convenient methods for unlocking your door.



Figure 2.1: Overview of available unlocking methods.

2.1 Fingerprint Unlocking

The lock features a biometric fingerprint sensor for quick and secure access. It can store up to 20 unique fingerprints.

- **Enrollment:** Refer to the eSmartLock app instructions for enrolling new fingerprints.
- **Unlocking:** Place your enrolled finger on the sensor. The lock will unlock in approximately 0.1 seconds upon successful recognition.
- **Recognition:** The sensor supports 360-degree fingerprint recognition for ease of use.



Figure 2.2: Fingerprint unlocking features.

2.2 Bluetooth App Unlocking (eSmartLock)

Control your lock remotely using the eSmartLock application, available for both iOS and Android devices.

- **Download:** Search for "eSmartLock" in your device's app store.
- **Pairing:** Follow the in-app instructions to pair your smartphone with the smart lock via Bluetooth.
- **Account Management:** The app supports one main account and up to 500 sub-accounts, allowing you to grant and manage access permissions for family members or guests.

2.3 Apple Watch Unlocking

For added convenience, the lock can be unlocked using a paired Apple Watch through the eSmartLock application.

2.4 Mechanical Key Unlocking

Two mechanical keys are provided for traditional unlocking or as an emergency backup method.

3. Maintenance

Proper maintenance ensures the longevity and reliable operation of your Eseesmart Smart Lock.

3.1 Battery Information

- **Battery Type:** The lock cylinder operates on one CR2 rechargeable battery (not included, must be purchased separately).
- **Battery Life:** A fully charged battery provides approximately 2000 unlocks. The typical standby period is one year.
- **Low Battery Reminder:** The lock will provide a low battery warning. Replace the battery promptly when indicated.

3.2 Charging and Emergency Power

- **Emergency Charging:** In case of a completely drained battery, the lock can be temporarily powered via a 5V Micro-USB charger for emergency unlocking. Note that the USB connection is for emergency power only and does not charge the internal CR2 battery.
- **Full Charge Time:** A full charge of the CR2 battery typically takes 40 minutes.



Figure 3.1: Emergency key unlock and USB emergency charging port.



Figure 3.2: Internal components showing CR2 battery and USB charging port.

3.3 Cleaning

Wipe the lock's exterior with a soft, dry cloth. Avoid using abrasive cleaners or solvents that could damage the finish or electronic components.

4. Troubleshooting

If you encounter issues with your Eseesmart Smart Lock, refer to the following common solutions:

- **Lock not responding:** Check the battery level. If the battery is low or depleted, replace it or use the emergency USB power for temporary access.
- **Fingerprint not recognized:** Ensure your finger is clean and dry. Try re-enrolling your fingerprint through the eSmartLock app if recognition issues persist.

- **App connectivity issues:** Ensure Bluetooth is enabled on your smartphone and that you are within range of the lock. Restart the app or your phone if necessary.
- **Mechanical key not working:** Ensure the key is fully inserted and turned correctly. If the lock mechanism feels stiff, it may require lubrication (consult professional if unsure).
- **Lock cylinder feels loose:** Re-check the installation screws and ensure they are tightened securely.

For persistent issues, please contact Eseesmart customer support.

5. Specifications

Brand	Eseesmart
Model Number	80BF-80
Lock Type	Biometric, Cylinder Lock
Unlocking Methods	Fingerprint, Bluetooth App, Mechanical Keys, Apple Watch
Fingerprint Capacity	Up to 20 fingerprints
Unlock Speed	Approx. 0.1 seconds
Cylinder Dimensions	External 40mm / Internal Adjustable 40-65mm
Compatible Door Thickness	80mm to 105mm
Material	Aluminum, Stainless Steel
Color	Silver
Item Dimensions (L x W x H)	19 x 4.6 x 5.3 cm
Item Weight	445 Grams
Battery Type	1 x CR2 rechargeable battery (not included)
Unlocks per Charge	Approx. 2000 times
Emergency Power	5V Micro-USB (for temporary unlocking)
Operating Temperature	-10°C to 45°C
Connectivity	Bluetooth
Supported Systems	iOS, Android

6. Warranty and Support

Eseesmart is committed to providing high-quality products and customer satisfaction.

6.1 Customer Support

- **Lifetime Technical Support:** Eseesmart offers lifetime technical assistance for your product.
- **24/7 Individual Support:** Dedicated support is available to assist you with any inquiries or issues.
- **Contact Email:** For support, please email ethsmart@outlook.com.

6.2 Return and Refund Policy

A 180-day free return/refund policy is offered for products with quality issues, excluding those caused by human factors. Please contact customer support for details on initiating a return or refund.

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