A-OK User Guide of AM25B Energy Saving Tuya Bluetooth Motor

Please secure the motor above 2 m to prevent child contact

WARNING: Important security instructions

Incorrect installation may cause severe injury
Follow all the instructions and keep this installation guide in a safe place.

-AM25 motor is designed solely for the operation of roller shutters for home use. For any other use, please contact our technical department.

- The minimum inner diameter of the roller tube is 28 mm, but the tube must be chosen according to the weight and length of the apron. Consult the tube manufacturers' charts.

- Do not operate the roller shutter if people or objects are in the movement area.

- The moving parts of the motor, installed at a height of less than 2.5m, must be protected.

- Before installing the motor, remove all superfluous cords and take out of service any equipment not required for the motor to operate.

- Monitor the shutter when it is moving and stand clear until it is completely closed.

- Do not allow children to play with the fixed control devices. Keep remote control devices out of the reach of children.

- The operating device of an unlockable switch must be in direct view of the driven part, but kept away from the moving parts. It must be installed at a height of at least 1.5 m.

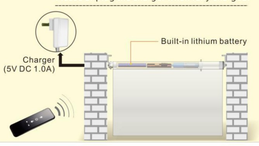
- The fixed control devices must be installed in a visible area.

Ⅰ.Features

- Energy Saving Patent.
- Built-in Rechargeable Lithium Battery Pack.
- It has automatic correction function for the displacement generated by braking.
- The built-in control parts of motor are sealed well for better safety.
- It's easy to switch the mode between inching and interlock and control operation direction.
- Electronic limits setting,6 limits can be set (2 end limits and 4 middle limits).
- Short circuit protection & open circuit protection for sensor.
- Built-in low power Bluetooth module and APP intelligent control function.

Ⅱ.Application

It can be fully charged within 4 hours,
Please unplug the charger when fully charged.



Ⅲ.Operation Instruction

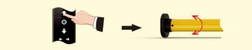
1.Switch ON/OFF

* After switching off,the motor wouldn't receive any remote signals.NO more reaction when short press program button. Every time when switch on,the motor may jog twice,which means non-networked

2.Programming Preparation

* When on the PROG mode,it exit automatically from PROG for no any operation within 10s.

3.Pairing the remote



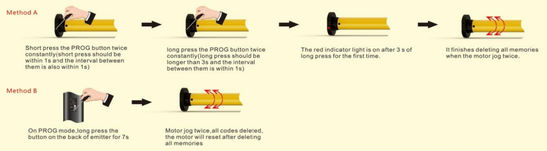
4.Dot move & Continuous move convention

* The default setting of motor is in interlocking mode ,you need to switch to inching mode.Under interlocking mode,control the motor by emitter. It is still inching mode if the UP/DOWN limit positions are not set. APP control is interlock mode.

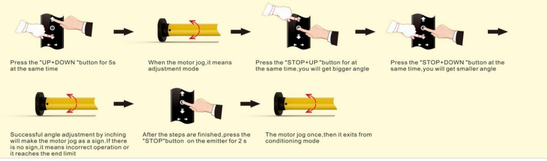
5.Change Direction

6.Delete Single Code

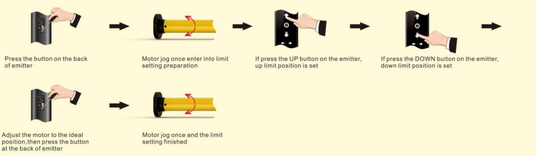
7.Delete all memories



8.Adjusting Angle by inching



9.First limit position setting

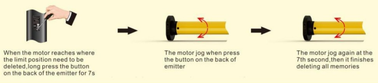


10.Other limit position setting

* If there's no any action within 30's,the motor will exit from limit position preparation automatically

11.Limit position fine-tuning

12.Delete the limit position



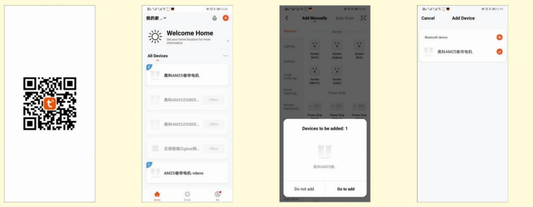
13.Reset bluetooth

Short press PROG for 5 times by 1 press per 1 second. Hold it for 3s when the 5th press,then the motor jog once,which means bluetooth has been reset.Here comes the mode of matching network,the green indicator light flashes.

14.Supplemental Instruction

a.Maximum 6 limit positions can be set. The furthest 2 positions are called up and down limit position.The others are called middle limit positions.
b.The first limit position can only be set as up or down limit position.If the first one is up limit position,which means other positions can only be set below the position.In the same way,it is the down limit position,the other limit positions can only be set above it.
c.Each limit position can be fine-tuned and deleted separately.(The first limit position can only be fine-tuned , not deleted separately ,but it can be deleted when deleted all memories)
d.For inching mode,the motor jog a little and then stop when press the up/down button for 1s.The operation will go on when press the up/down button for over 1 s
e.For interlock mode,the motor will go directly to the up and down limit position without any stop at middle limits when press the up and down button twice at the speed of once every second.
f.When motor is operating and the voltage reaches below 6.2V,it mean voltage shortage with flashing red indicator light,and interlock mode turn into inching mode. The motor stop working when the voltage is lower than 5.5V.
g.The indicator light turns red when charging .It turn green when finishes charging.

15.APP instructions

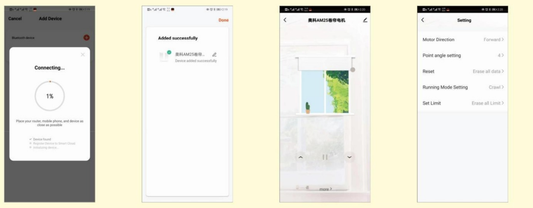


1.Scan the QR code ,then download and install APP, please make sure the phone bluetooth is on before operation

2.On the interface"my home", choose"Add a device"or click"+"at the up right corner

3.On the interface ,you will find "Devices to be added",choose go to add.For no response,4 short and 1 long press on motor PROG button to reset

4. Click "+"on the right conner



5.Waiting for connecting motor

6. Click"Done",you finished adding motor successfully

7.On the interface,you will have "UP,DOWN,STOP" buttons for controlling motor.Click"More" for for entering interface of setting

8.On the interface of setting, for further operations

Ⅳ.Trouble Shooting

Item	Problem	Matter	Shooting
1	The motor doesn't work and no any move	A. Power is cut off B. Shortage voltage protection C.Incorrect installation leads to motor stucking	A. Switch it on by button B. Start the motor after charging it for 6 hours C.Check and make sure all parts are installed properly
2	The motor stops suddenly during operation	A.Shortage voltage protection B.Protect the motor when encounter obstacle	A.The motor will resume to work after being charged B.Check if there is something stuck or overloading
3	APP can not be connected with Motor	A.Bluetooth is not open B.Motor is connected by other mobile phones	A.Switch on the bluetooth of mobile phone B.Reset bluetooth and connect again

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FCC Compliance Notice

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment .

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment should be installed and operated with minimum distance 20cm between the radiator& your body.

ISEDC RSS warning

This device complies with Innovation, Science and Economic Development Canada Compliance licence - exempt RSS standard (s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes:

(1) l'appareil ne doit pas produire de brouillage, et

(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

ISEDC Radiation Exposure Statement:

This equipment complies with ISEDC RF radiation exposure limits set forth for an uncontrolled environment.

This transmitter must not be co - located or operating in conjunction with any other antenna or transmitter.

This equipment should be installed and operated with minimum distance 20cm between the radiator& your body.

IC exposition aux radiations:

Cet équipement est conforme avec ISEDC les limites d'exposition aux rayonnements définies pour un contrôlé environnement.

Cet émetteur ne doit pas être co - localisés ou fonctionner en conjonction avec une autre antenne ou émetteur.

Cet équipement doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et votre corps.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Tous les changements ou modifications non expressément approuvée par le responsible de la conformité