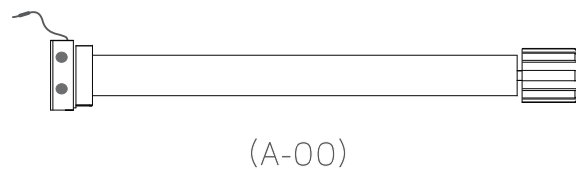


# Tubular Motor- DM18CE/S Specification



## Product introduction

Signal wire



Product features:

- Integrated radio control
- Setting up + add emitter +delete emitter
- Motor direction setting option
- Resistance stop function
- Jogging&tilt function
- Set electronic limit
- Set /delete the third limit position
- Low standby power

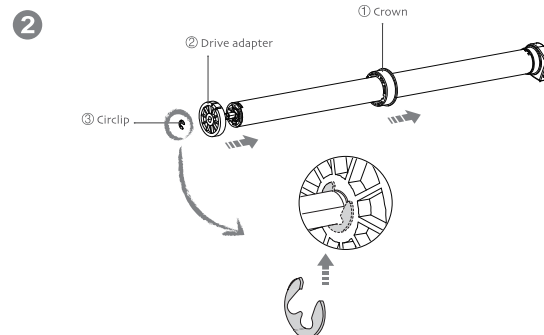
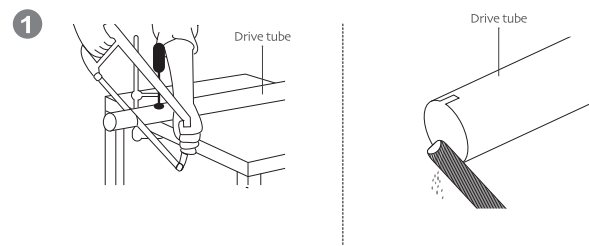


Technical Dare

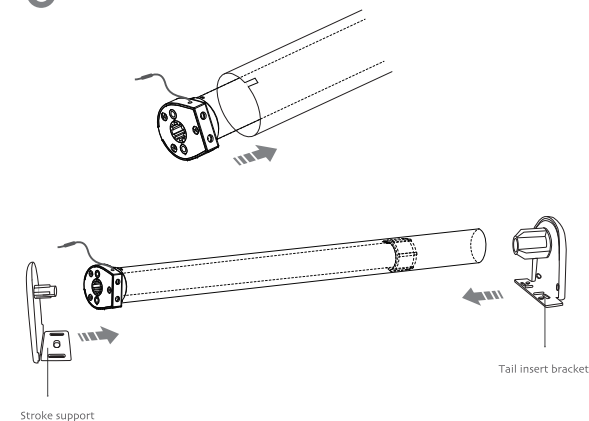
|                         |                  |
|-------------------------|------------------|
| Type                    | DM18CE/S         |
| Rated Torque(N.m)       | 0.2N.m           |
| Rated speed(RPM)        | 80RPM            |
| Rated Voltage(V)        | 12V              |
| Emission frequency(MHz) | 433.00-433.92MHz |

## Motor Installation

- ①Driving tube must be close-fitting with crown and drive adapter.
- ②Choose crown and drive adapter based on the driving tube.



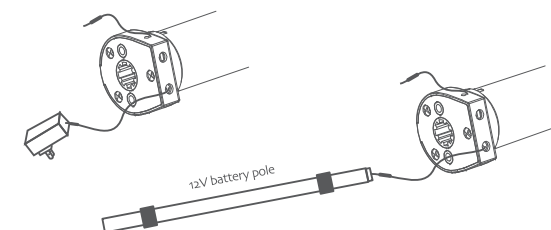
3



## Rechargeable Description



The motor can be charged by both the power adapter or the 12V supply electricity. Is that is rechargeable by solar panel or adaptor when the battery is low.



## Operation note

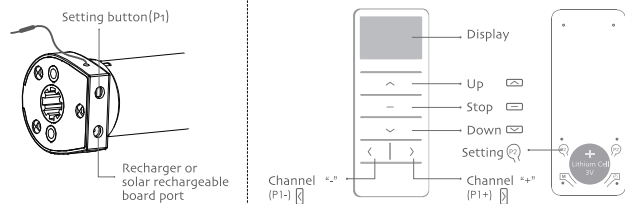


Please read the following precautions before use:

1. Don't operate motors wheuin low wiltage alarm:
  - ① Motor stop running When the supply voltage is lower than 7 v , and it will restart again when the voltage is greater than 7.5V
  - ② If the voltage is less than 10v, the motor will alarm for 10 times to prompt it needs to be charged every timewhen the motor is working.
2. Oprating:
  - ① The valid interval of the emitter button is 10s, the emitter will quit the set after 10s
  - ② The motor will run or beep for hint, please do the next step after the hint.
3. Set limit position:
  - ① After the up limit and down limit setting, and the up limit down limit and third limit position are at the same location
  - ② After limit setting , with power and memory function;
  - ③ Into the match-code status 2 minutes later, it will quit out the setting limits status automatically.
  - ④ It will delete every memory and restore the factory settings
4. When the motor running without any operation, the maximum running time is 6 minutes, it will stop automatically
5. If the emitter lost, please set up again with new emitter



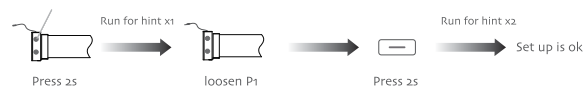
## Button specification



## FACTORY MODE

## 1 Setting up

If you need to reverse the rotation of the motor controlled by the emitter, please run the reverse of direction setting (as lists in the second point of the P1 button setting)



## 2 The reverse of direction setting

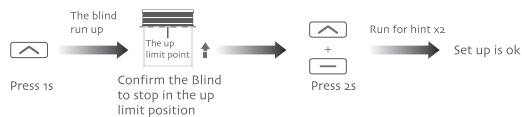


## 3 limit position

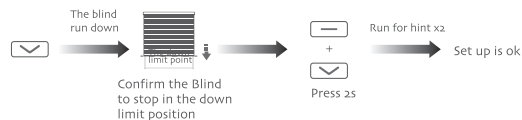
1, Enter the limit setting mode



2, Set up limit (Up->Up+Stop)



3, Set down limit (Down->Stop+Down)

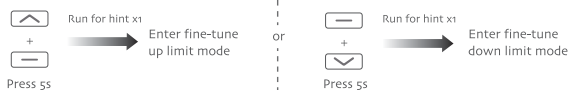


Note: After setting up the up and down limit into user mode.

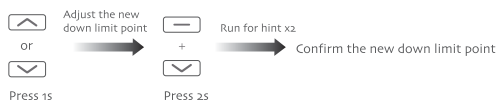
## USER MODE

## 1 Fine-tune up/down limit position

Enter the limit setting mode



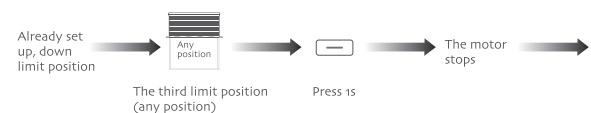
Note: Can not be fine-tune up/down limit position at the same time.



## 2 The third limit position setting

1, The third limit position setting

①After the up limit and down limit setting, you can set the third limit point between them as the half open position;



②Long press the stop button for 2s, the roller blinds will move to the third limit

2, The third limit cancel (P2->Stop->Stop)



## 3 Dot-move/Continuous moving function switch



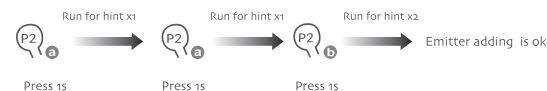
Notes: Repetitive operation dot-move and continuous moving function switching cycle, under the dot-move function, according to the up or down button more than 2s release motor linkage operation.

## 4 Add Emitter

Method one



Method two P2 a -> P2 a -> P2 b



Note: Emitter a is the one already matched code, while emitter b has not

## 5 Delete one emitter

P2 a -> P2 a -> P2 b

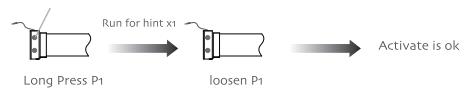


Note: With the same method, you only can delete the emitter b, not the emitter a

## P1 BUTTON OPERATION

Functions that can be operated under any mode

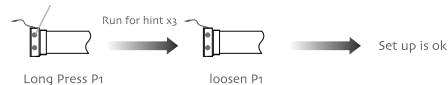
1, Activate motor for the first time



2, The reverse of direction setting



3, Restore factory settings



## FAULT AND SOLUTION

| NUMBER | PHENOMENON                          | REASON                                                                                                                                                                                                             | PROCESSING METHOD                                                                                                 |
|--------|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| 1      | The motor alarms when it is working | The voltage is low in the alarm mode                                                                                                                                                                               | Charge the battery                                                                                                |
| 2      | The motor is not running            | a, The battery is not activated.<br>b, The emitter is not matched.<br>c, If press P1 button for a long time while with no reaction, may be the power is short-circuit or the circuit board or the motor is broken. | a, Activate the motor after fully charged<br>b, Set up the match code<br>c, Contact the engineers for after-sales |

## FCC STATEMENT

1. 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.

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

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

NOTE: 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.