



东莞市惠康传动科技有限公司
Dongguan Huikang Motor Mfg.Co.,Ltd



Important instructions. Retain for future use. PLEASE READ THESE INSTRUCTIONS THOROUGHLY BEFORE USING THIS PRODUCT.

The current version of this instruction manual for future use can be found under website or contact us:

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User Guide

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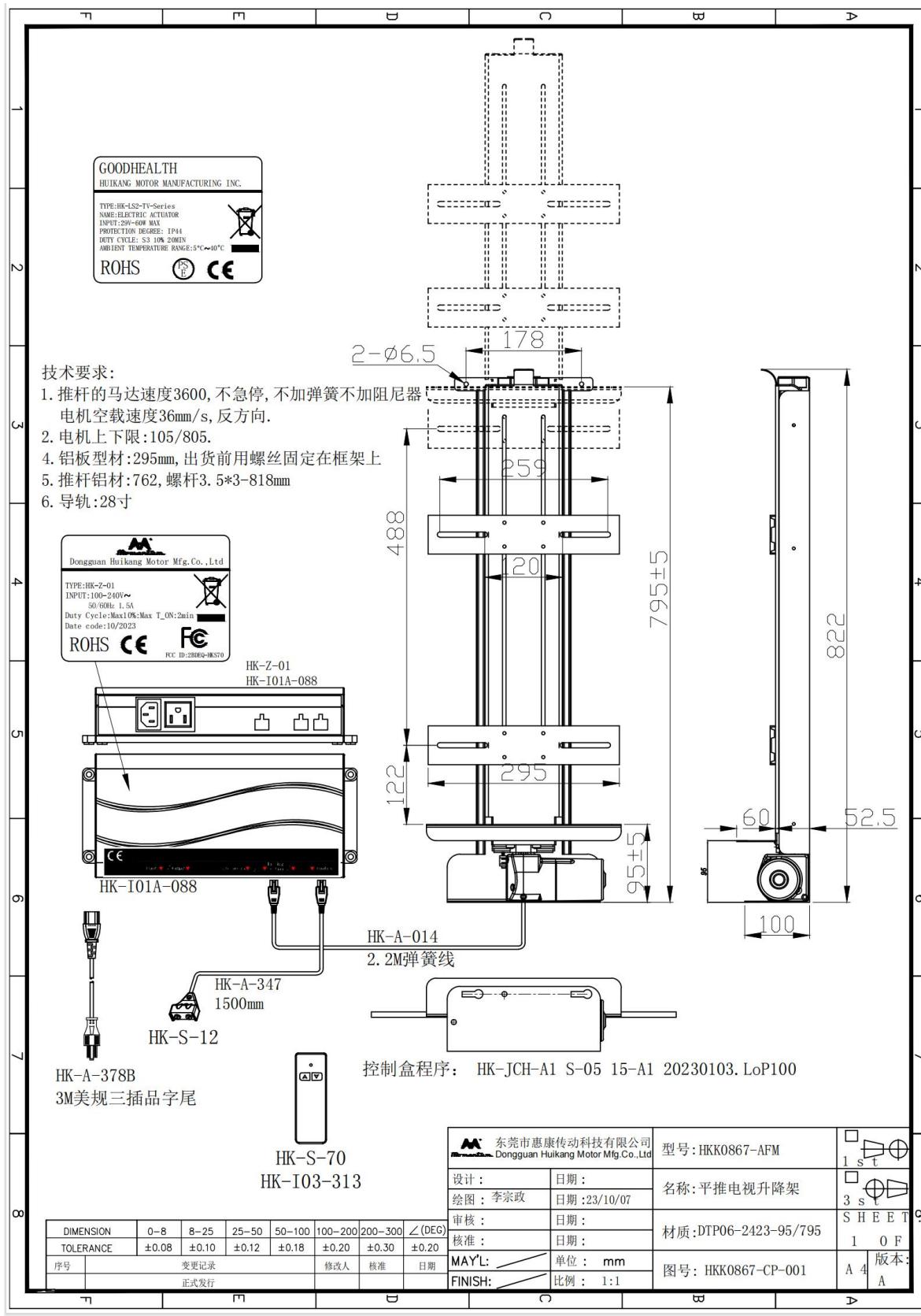
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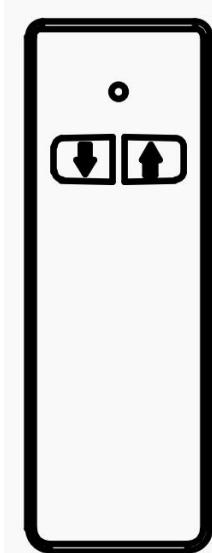
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一、Overall installation drawing





S-12 Wired remote 2-button



S-70 Wireless remote 2-button

二、Operate instruction

1. Preparation:

1.1. Connect the whole system:

according to the specification connect then power on;

2. Operate instruction of wired remote S-12:

- UP: Long press  button, lift frame move up, release button to stop.
- Down: Long press  button, lift frame move down, release button to stop.

3. Operate instruction of wireless remote S-70:

3.1 Preparation:

Install dry-cell battery in the remote, according to “四、2.4G Remote pair with control box” to finish paring work.

3.2 Convert the mold of Click mode and long press mode:

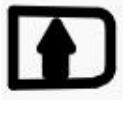


In the stopped state, Long press  button and  button more than 3 seconds at the same time, and the backlight of button is off, indicating that the switchover is successful. The original default mode is long-press

Note: After conversion, it will always be saved to the current mode.

3.3 Click mode functions are as follows

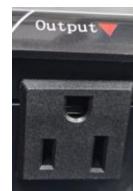
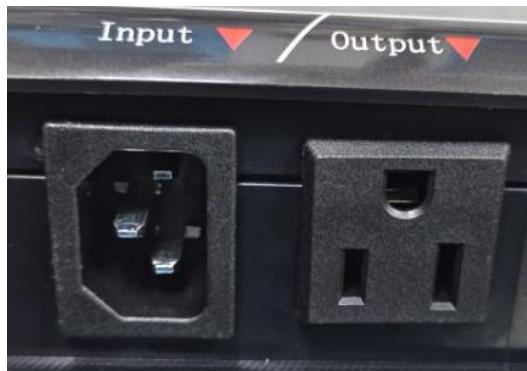
•down: short press  button, lift frame move down automatically, short press again to stop.

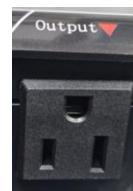
•UP: short press  button, lift frame move up automatically, short press again to stop.

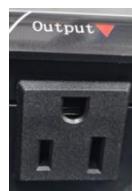
3.4 The functions of the long-press mode are as follows

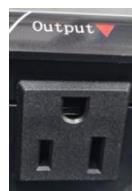
- DOWN: long press  button, lift frame move down, release button to stop.
- UP: long press  button, lift frame move up, release button to stop.
- Lighting: As long as a button is pressed, the backlight is lit. The backlight will automatically turn off about 3 seconds after all keys are released

4. Control box Z-01 AC output port Description:



- 1) When the lift frame move down to the lower limit,  AC –Output port is disconnected, and the external device is powered off..



- 2) When the lift frame move up and leave the lower limit,  AC –Output AC100~240V 50/60Hz, and the external device is connected to power supply.

三、 Technical parameters

1、 Motor:

①. Input: DC 29V

②. Rated current: 2A

2. Wired remote S-12:

①. working voltage: 3.3V

②. working current: 5mA MAX

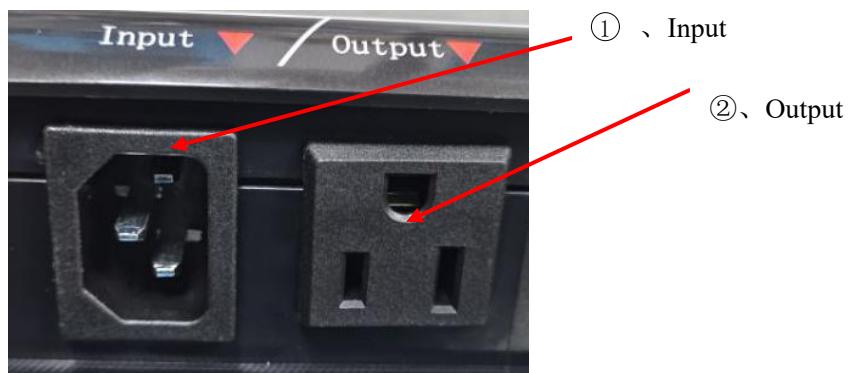
3. Wireless remote S-70:

1. Input: DC 4.5V 7# dry-cell battery/AAA dry-cell battery*3

2. Max current: 25mA

3. Frequency: 2.4GHz

4. Control box with power supply:





- ② .Input: AC100~240V 50/60Hz
- ③ .Output: AC100~240V 50/60Hz
- ④ .Output of build-in power supply: DC 29V
- ④ .Rated current of build-in power supply: 2A

5. Working environment:

- 1) Ambient temperature: -10~+60°
- 2) Relative humidity: 20%~80%
- 3) Protection level: IP20
- 4) Operation mode: intermittent work, S3 10%·MAX: 2 min/18 min

四、2.4G Remote pair with control box

Operation as follow:

Step 1: Power on the control box (Preparation: power on after all parts is connected according to the overall drawing of the specification). At this time, the control box enters the pairing mode and the time is 60S.

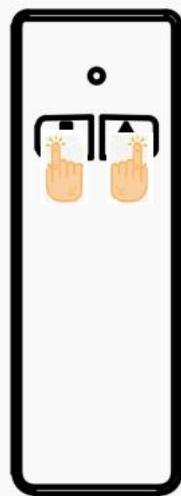
Note: If you do not enter the second step after 60 seconds, remove the power supply and wait until 60 seconds to power it on again (Step 1).



Step 2: Long press button and button at the same time, and then hold for more than 3 seconds, Until you hear a “beep” from the control box, which means the pairing is successful. Otherwise, repeat all the steps above.

Note::

1) If the remote control is lost, replace the new remote control and repeat the above step 1 and 2.



五、Common fault and solution

Fault phenomenon	Possible causes	How to solve
Doesn't work.	1. The motors are connected correctly or not 2. Power plug cable is good or not. 3. Use suitable power supply or not.	1. Check the connection according to the specification 2. Check that the power plug is good or not, whether it is plugged in or not. 3. Output of power supply should be 29V/2A.
Suddenly stops or fails during operation	1. Poor battery 2. Overload 3. Wrong operation and disorder of procedure 4. Loosed connection	1. Change new battery 2. Follow up the operation manual. 3. Disconnect the power, reconnect, wait for 2 minutes then power on again. 4. Re-check the connector and reconnect. 5. According to “四、2.4G Remote pair with control box” to pair again.



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六、 Note:

1. Use indoors as far as possible, avoid sun exposure, rain and moisture, and use in extreme temperature.
2. If the surface is wet and stagnant, disconnect the power supply and stop using it immediately.
3. Children must be used under adult supervision.
4. To avoid electric shock, do not remove the skin of the power cable.



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FCC Caution.

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.

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.

***RF warning for Portable device:**

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.