

## PREFACE

First of all, thank you for using the door opener produced by our company. In order to ensure that you are fully familiar with the various functions of the machine, please read this manual carefully, so that you can install and use it safely.

### Security & Protection

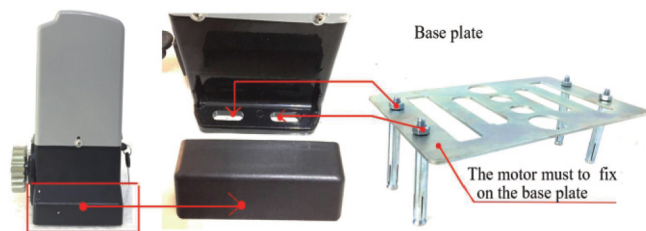
- 1、 Power supply voltage must meet the requirements, do not overvoltage or under-voltage use;
- 2、 When installing or repairing the gate, please cut off the input power first;
- 3、 Please make sure that the door opener is grounded reliably, the grounding resistance is less than  $4\ \Omega$ , and there are leakage and short circuit protection.
- 4、 At the proper position of the side of the door opening machine on the track, a limit iron should be firmly welded, which should be outside the range of the electric appliance limit, so that it is appropriate to block the two sides of the walking wheel and the door body does not leave the guide wheel constraint. To prevent the electrical limit failure gate from both sides of the guide wheel constraints caused by overturning;
- 5、 Before the door is opened, obstacles should be cleared; vehicles and pedestrians are strictly prohibited from passing through the gate while it is in operation.
- 6、 Avoid children playing operate remote control and control box switch;
- 7、 The motor shall not be disassembled on its own, and the maintenance shall be carried out by professional personnel.
- 8、 This machine uses high-grade lubricating grease, no need to replace or add lubricating oil.

### Technical specifications

- |  |                                      |
|--|--------------------------------------|
| 1、 Power supply: 220VAC/50HZ   | 2、 Motor power :370W/550W/750W/1200W |
| 3、 Starting current: 3A;   | 4、 Motor speed: 1400r/min;           |
| 5、 Running speed : 12m/min;  | 6、 Suitable door weight: 400-2000kg  |
| 7、 Environment temperature: $-25^{\circ}\text{C}\sim+55^{\circ}\text{C}$ | 8、 Motor net weight: 12.7kg——16.7kg  |

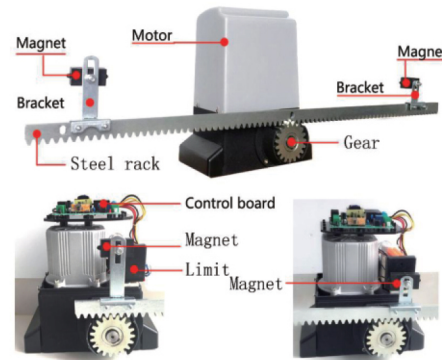
Installation of reserved power cord with 1 square millimeter or 6 cores (or 1.5 square 2 core)

### Metal base plate mounting (Fig 1)



(Fig 1)

Install the limit magnet or spring limit at proper position on the steel rack (Fig 2)



(Fig 2)



(Fig 2)

Move the gate manually to the open limit and close limit, mark the points on the rack, then, fix the limit stoppers or magnets at the limit points on the rack

### Electrical mode turn to manual opening (Fig 3)

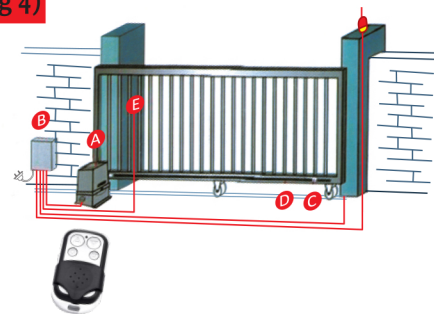
When the power failure, use keys to release the clutch, push door manually.(must to open the release clutch to 90 degree.



(Fig 3)

### Example of a sliding gate operator installed (Fig 4)

- \* Before using the machine, check power supply, grounding, voltage, etc.
- \* Check whether it is connected according to the demand of wiring diagram.
- \* The gate should be pulled easily and smoothly manually when the worm gears are released.
- \* The worm gears will be coupled before power on.
- \* The product must be installed by professional person



A. motor  
B. Limit magnet or Limit stopper  
C. Rack  
D. Photocell  
E. Alarm lamp

(Fig 4)