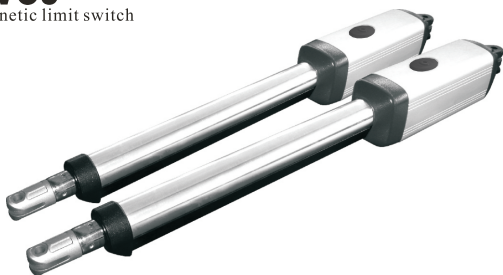


# INSTRUCTION

## SOLAR SWING GATE OPERATORS

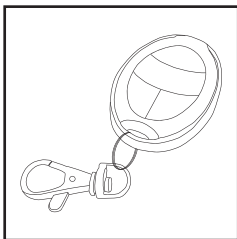
### **MV09**

Magnetic limit switch

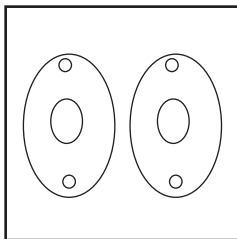


PLEASE READ CAREFULLY  
BEFORE INSTALLING AND USE

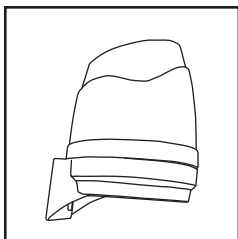
# A kit of motor includes



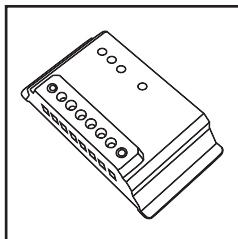
4pcs Remote controls



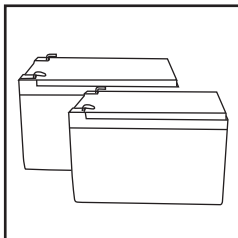
2 pair photocell



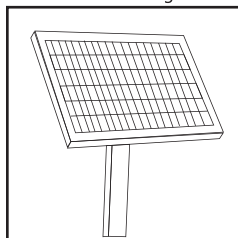
1 pcs lamp



1 PC Solar charger



2 PCS Battery 12Ah

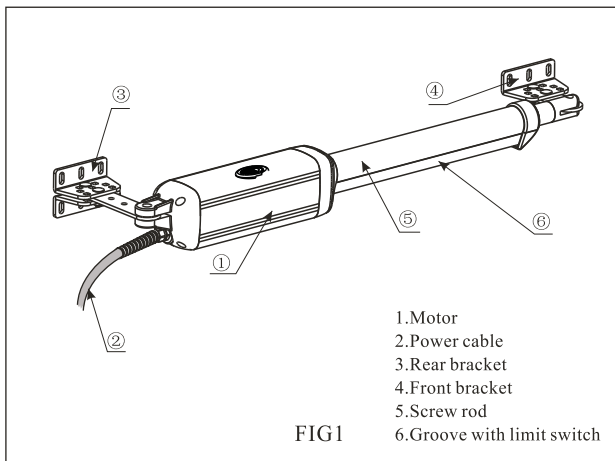


1PC Solar panel

## **1.WARNING TO THE INSTALLER AND USER**

- 1.1 CAUTION! It is important for personal safety to follow all the instructions carefully. Incorrect installation or misuse of the product may cause people serious harm.
- 1.2 Keep the instructions in a safe place for future reference.
- 1.3 This product was designed and manufactured strictly for the use indicated in this documents. any other not expressly indicated use may damage the product and/or be a source of danger.
- 1.4 Before carrying out any work on the system, switch off the electricity supply.
- 1.5 Accepts no responsibility regarding safety and correct operation of the automation ,should components made by manufacturers other than be used in the system.
- 1.6 Do not make any alterations to the components of the automation.
- 1.7 Do not allow children or other persons to stand near the product while in operation.
- 1.8 Keep remote controls away from children, to prevent the automation from being activated accidentally.
- 1.9 The user must refrain from attempting to repair or adjust the system personally and should con tact qualified personnel only.
- 1.10 Frequently examine the installation, in particular check cables, springs and mountings for signs of wear, damage or imbalance .Do not use if repair or adjustment is needed since a fault in installation or an incorrectly balanced door may cause injury.
- 1.11 This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- 1.12 If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- 1.13 Disconnect the supply when cleaning or other maintenance is being carried out, if the appliance is automatically controlled.
- 1.14The temperature range marked on the drive should be suitable for the location.

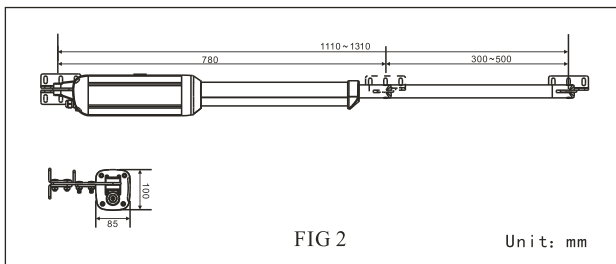
## 2.Description:



## 3.Technical Specifications:

Output Power of motor	12VDC/24VDC 45W
Rotational speed	3200RPM
Rod's running speed	1.6cm/s
Rod's max travel	300mm 400mm 500mm
Max leaf length	3m×2
Max single-leaf weight	300Kg
Environment Temperature range	-20℃~+55℃
Protection class	IP54
Continual run time	5min

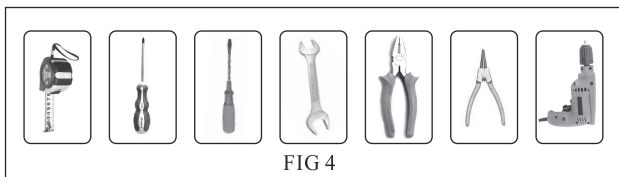


**4. Dimensions:**

**5. Package list:**

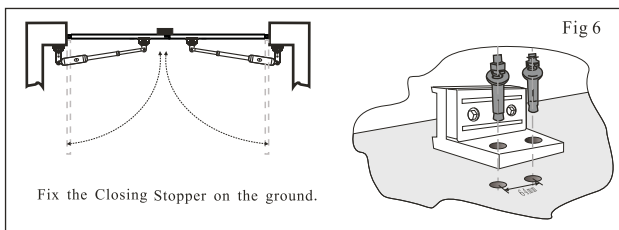
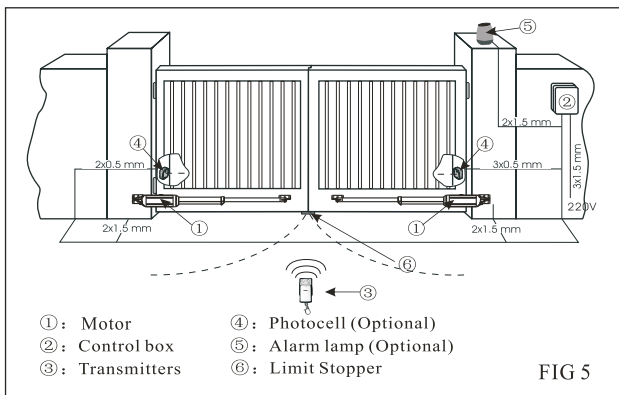
<p>2 pcs</p>		<p>1 pcs</p>	
<p>2 pcs</p>	<p>2 pcs</p>	<p>M8×75mm×4pcs</p>	
<p>6 pcs</p>	<p>φ 12×4pcs</p>	<p>M8×30mm×8pcs</p>	<p>Pin×4 pcs</p>
	<p>φ 8×12pcs</p>		
<p>×2pcs</p>	<p>φ 8×12pcs</p>	<p>1 pcs</p>	<p>M10×100×3pcs M8×100×8pcs</p>
	<p>M8×12pcs</p>		

## 6.Installation:

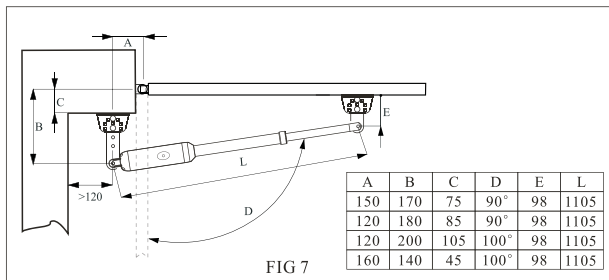
### 6.1: Tools:



### 6.2: Standard installation layout

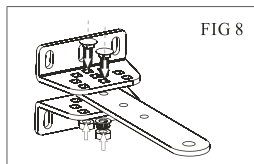


### 6.3: Installation dimensions

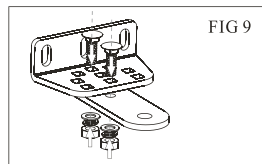


### 6.4: Installation:

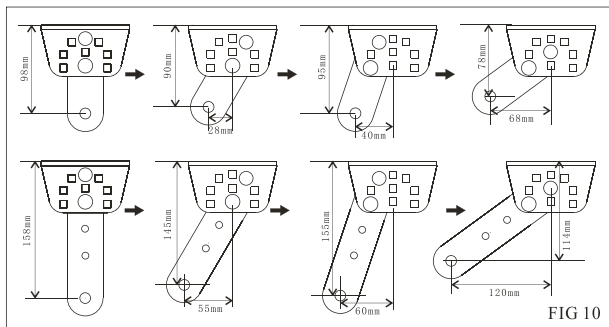
#### A. Connect the Rear Bracket



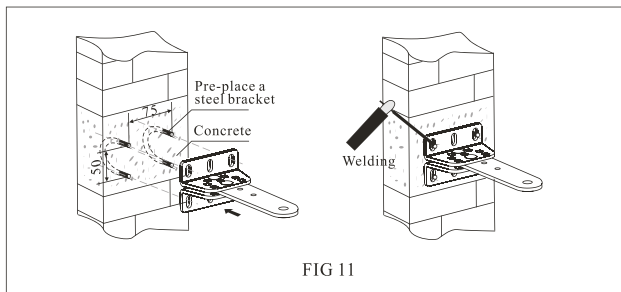
#### B. Connect the Front Bracket



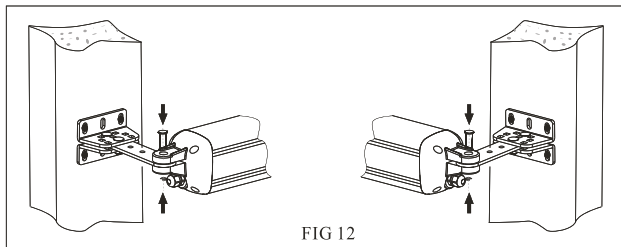
The Angle of connection can be different



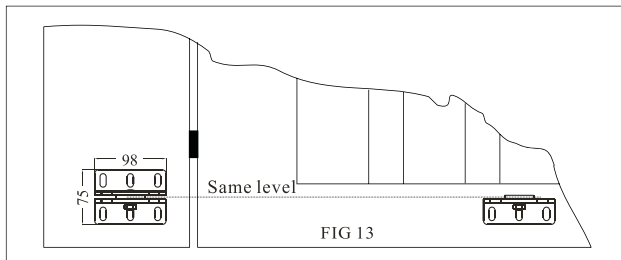
### C. Fix the Rear Bracket



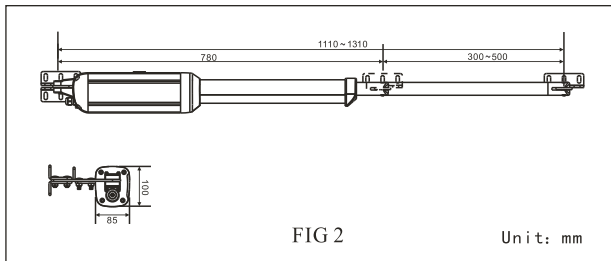
### D. Fix the Motor's

















### E. Insure the Front and Rear Brackets on the same level



#### 4. Dimensions:



#### 5. Package list:

			
2 pcs		1 pcs	
	2 pcs		
	6 pcs		
	×2pcs		
	×2pcs		
		M8×12pcs	
		M8×75mm×4pcs	Pin×4 pcs
		M8×30mm×8pcs	M10×100×3pcs M8×100×8pcs
		1 pcs	