

*Everbright*

*Quality and Brand you can trust*

*Sectional Garage*

*Doors*



※ All products CE Certificated

※ Produced by modern continuous production line

※ Management according to ISO9001 System

※ 15 days delivery time

※ Superior quality and reasonable price

※ 15 years production experience and 10 years exportation experience



## Company

Xuchang Everbright Construction Material S&T Co., Ltd had been established in 2011, which focus on the manufacturing of sectional garage door, commercial/industrial door, cold storage door, PU sandwich wall panel, roof panel and cold storage panel.

Thanks to the advanced continuous sandwich panel production line and the professional engineer team who has more than ten years experience in this field, everbright's product features high quality ,fasten delivery time and reasonable price.

Everbright has built a full process service system which covers R&D, manufacture, marketing, installation and after-sale service to improve and guarantee the service to the customer.

ISO9001 quality management system has been carried out in our company. Products such as garage door, garage door opener and industrial door opener have been CE certificated.

## Advanced manufacturing process

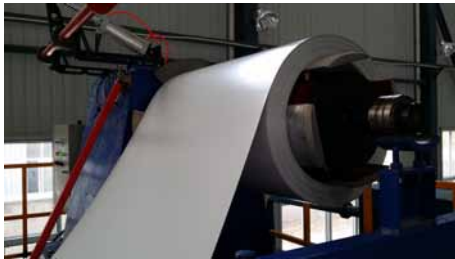
The garage door panel is produced by the automatic continuous production line, which could produce 2000 square meters per day. To assure the quality of the product we have, the 5S and lean manufacturing have been implemented in the whole factory.



### Garage door panel production line

#### Process flow of the garage door panel's production

There are eight steps to make the garage door panel by the automatic continuous production line .they are uncoiling – film laminating- roll forming -PU foaming and solidifying- fly cutting-cooling – stacking and wrap packing. After these eight steps every panel will be checked by the QC staff, then high quality panels could be loaded and sent out.



Uncoiling



Film laminating



Roll forming



PU foaming



Garage door panel finished



Cutting according to customer size



Cooling



Stacker

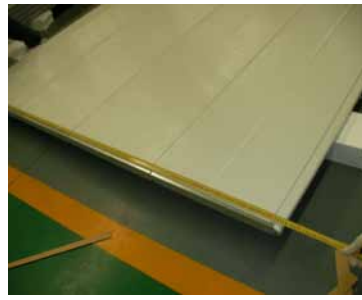


Wrapping package

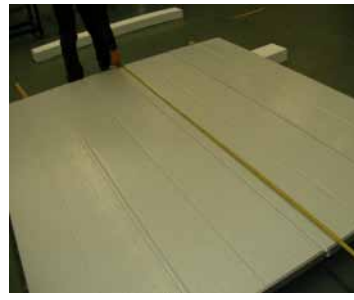
# Quality Control



Thickness of the steel



Height checking



Width checking



Flatness checking



ISO9001 Certificate



CE Certificate

## New Designs of the CE Certificated Garage Door



### Special design

#### Point 1 Reinforce steel plate inside the panel for hinge installation

There are internal steel reinforce steel plate (1.0mm thick, and 16mm width) pre-laid along the panel at the joints, so the hinges could be fasten strongly on the panel to ensure the longtime service life. And also because of that the panel could be cut at any size to assembly doors with different sizes.

#### Point 2 Weather seal at the joint

As the sections of the door will be installed upwards one by one ,so there is a space between them ,then the dust may get in the garage when there is winding . more serious is the frost or even the ice may occurs at the space when it is winter because there is “cold bridge” between the panels. To avoid those we add one rubber seal between the sections ,so the dust will be kept out and the “cold bridge” will be broken, thus the garage will keep clean and be used for a long time.

#### Point 3 Stainless steel decoration



**Point4 Pedestrian door**



For the door size over 2500,a pedestrian door could be done ,convenience and nice.

**Point 5 Side door**



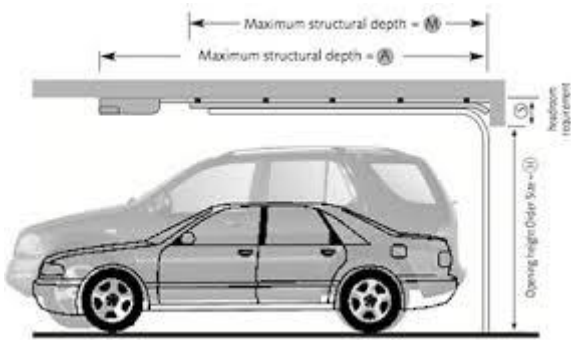
Convenience side door ,Same color and same style.

**Point 4 New rear spring system**



## Benefit

- 1 The system could be installed in most of garage door (as far as the height of the lintel is equal or larger than the height of the door plus 150mm).
- 2 The door could be opened to full opening position ,even the SUV could park in/out freely.



## 3.New steel hinge and roller



The new integrated steel hinge is very easy to be installed ,besides this it is also features quiet operation as there is rubber inside the roller holder.

Roller with side cover could avoid the deposition of the dust, which will obviously increase the service time.

## New bottom bracket

New bottom bracket which could keep the bottom roller in its position ,never drop off.

More convenience which it could bring us is the tightness of the cables could be adjusted easily by the bracket.

Besides the above mentioned , once the cable was loose the customer could adjust it by the bracket easily, it will save the cost of the after-sales service a lot.



#### 4. The new L hanger bracket



New one

The new L hanger bracket could be installed at anywhere to fix the H track, no limitation. Strong and convenience.

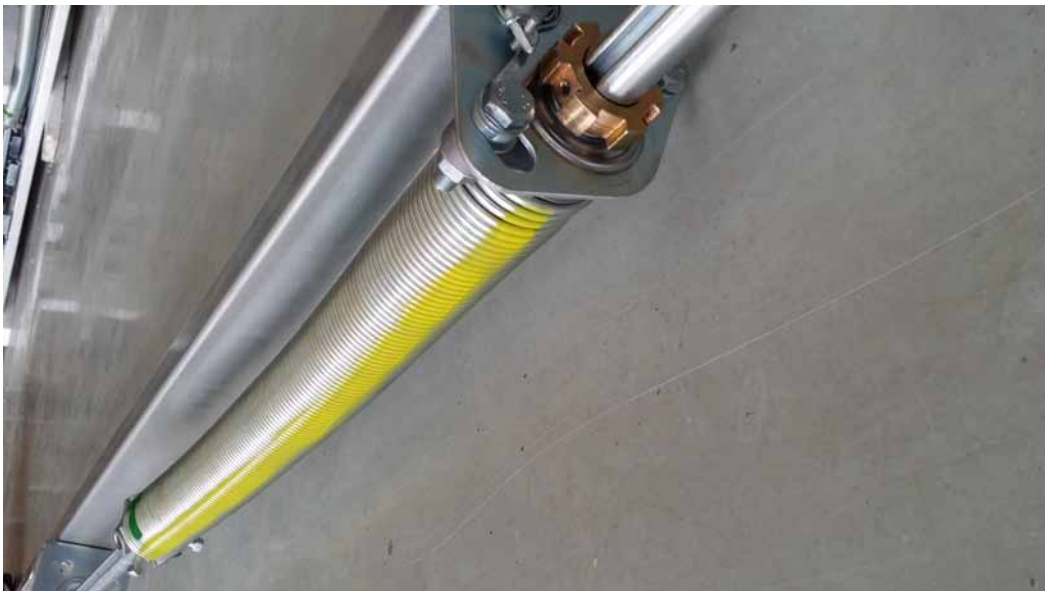
#### 5. bottom cover of the track

The bottom cover of the track will protect the cut edge of the track which will not rust.



#### 6. Galvanized spring

Galvanized spring will issue a nice look and with the line sprayed on the spring the turns of the spring could be easily to be counted by the installer.



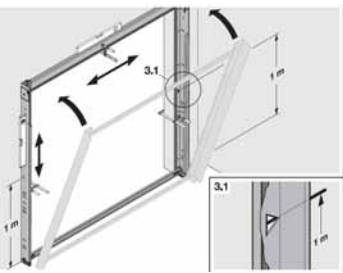


## 7. pre-installed track and spring system

CE track and V track , H track could be pre-installed by rivet.

System spring includes springs, tube ,bearing bracket ,spring break safe device ,etc will be pre-installed on the cross bar .

With top and bottom distance measurement the pre-installed tracks and spring system could be installed very fast.



## Details of the panel

The density of the garage door panel is 40kg/m<sup>3</sup>, which could offer high thermal efficiency and sound insulation to your garage .

The thickness is 40mm, which makes the garage door panel have excellent mechanical properties, the size is stable, even under low temperature the panels' strength will not change; the panels' long-term heat resistance temperatures are between **-50°C** - **+100°C** .

The External skins of our panel are PPGI steel which resist rust, and the stability of their painting colors meeting 25 -30 years using life

There are three kinds of surface texture : Wood grain, orange peel, and smooth.

## Technical data

Structure		Pinch resistant
panel's height		435mm 485mm 535mm
panel's thickness		40mm
material	external/internal skins	PPGI steel made of hot-dipped galvanized steel
	insulation	Polyurethane foam (Free of Freon)
surface textures	front side	Wood grain orange peel smooth
	back side	orange peel
patterns	front side	stripe, H-line, classic, micro-wave, flat
	back side	stripe
Square size of Classic pattern		500*350mm



wood grain



Orange peel



Smooth

## Available patterns



**SMOOTH PATTERN**



**MICRO-WAVE PATTERN**



**CLASSIC PATTERN**



**STRIPE PATTERN**



**H-LINE PATTERN**



**FLAT PATTERN**

## Available colors



White Ral9016



Cream Ral 1015



Brown Ral8017



Grey Ral7016



Black walnut



wood 0302



Golden Oak



Silver grey

## Special colors



Special colors could be offered according the quantity of the order and Ral color Code.



## High Quality Hardware Safety Guarantee



The durability, stability and safety of the garage door are the most important things which we concern about . In order to meet that ,Everbright manufacture high quality hardwires to meet the latest EN13241-1 standards of Europe and get all the products CE certified .

### **Selected Material**

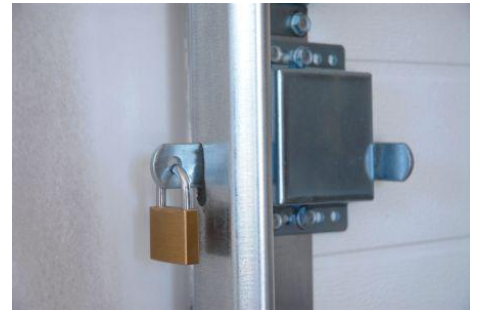
Tracks, hinges and brackets are made of hot-dipped galvanized steel, which can be used for a longtime without rusting.

### **Manufactured according to international standard**

All accessories are designed and manufactured according to the international standards to ensure the safety and stability.

### **Advanced and Exquisit crafts**

The whole work in the company carried out according to the high level manufacturing processes and lean management to guarantee the product meet requirements of design , the accuracy of the size and the great appearance.



## One door one calculated spring

As a professional manufacturer of garage doors, Everbright know the secret on garage doors' balance system, and deeply understand the importance of the springs. So every balance system of the door will be calculated separately and carefully to make the door has perfect balance, and safety.



## Fail safety spring device

This device is required by the Europe safe standard to stop the fall of the door in case the spring fails.



## Cable

Aerial application level cables which get very strict testing before sending out, It could be used for a long time.



## Safety Angle Covers (CE track)

According with European safety standards requests, prevent the injuries happening to fingers.

In case your hands strayed into the gap between vertical tracks and wall, they are easily get injured by moving doors.



## Super quiet moving

Quiet and adjustable hinge will offer full protection and quick installation.



## Bottom seal

The bottom seal have two parts: soft seal and rigid frame.

Soft seal is made of EPDM, which could be used with various type ground to ensure a perfect seal. It has strong weather ability could be used in the areas with stern climate.



## Different surface treatment

Besides the original hot-dipped galvanized surface the hardware could be painted into different colors according to customers requests.

## Fast installation

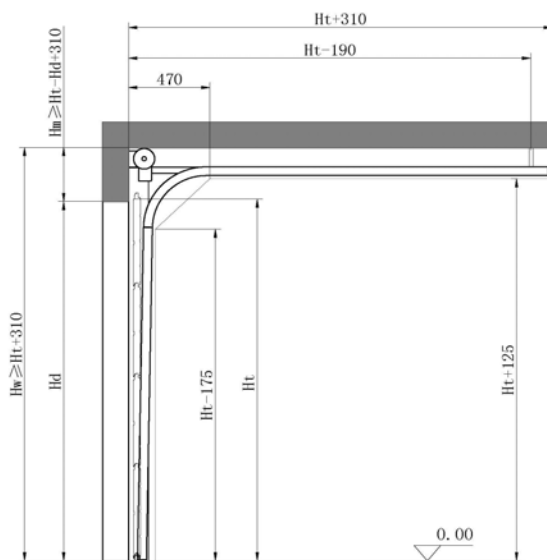
For the distributor everbright could offer pre-installed hardware, which will decrease the installing time by 35%.

we will be your perfect supporter to save the expensive labor cost.

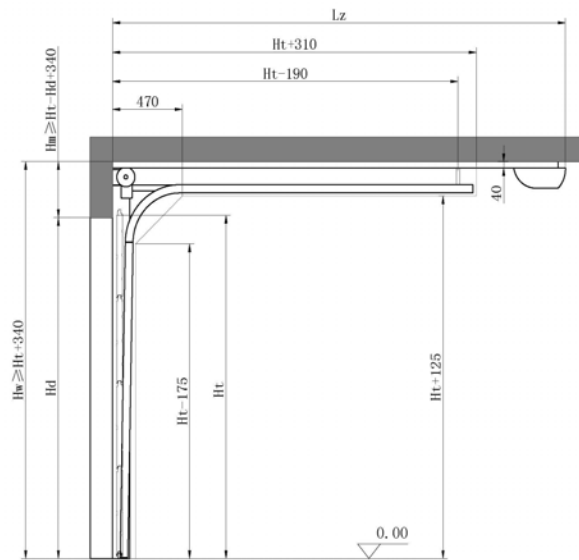


## Various installations

### Single track installation

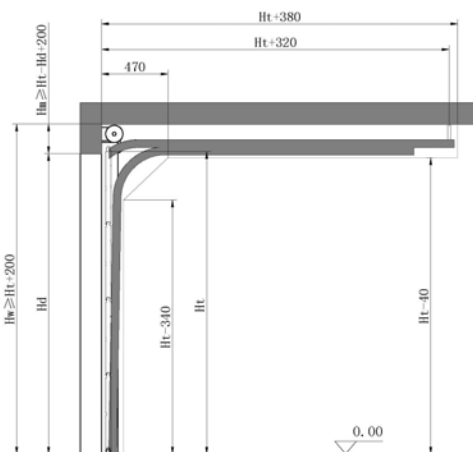


Manual door - single track

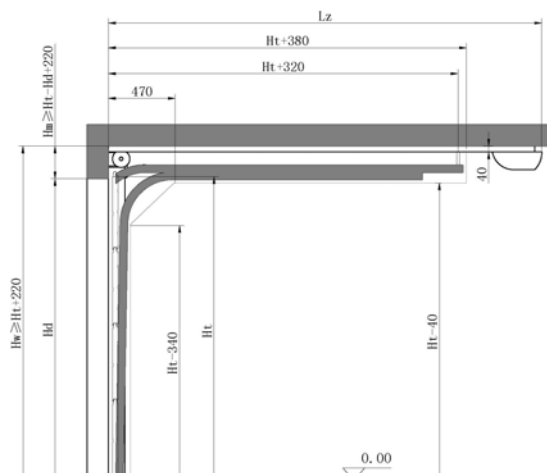


Automatic door- single track

### Double tracks installation

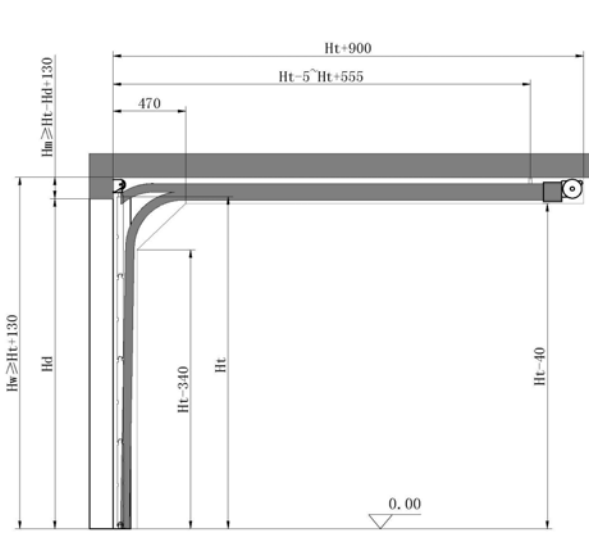


Manual door – double track

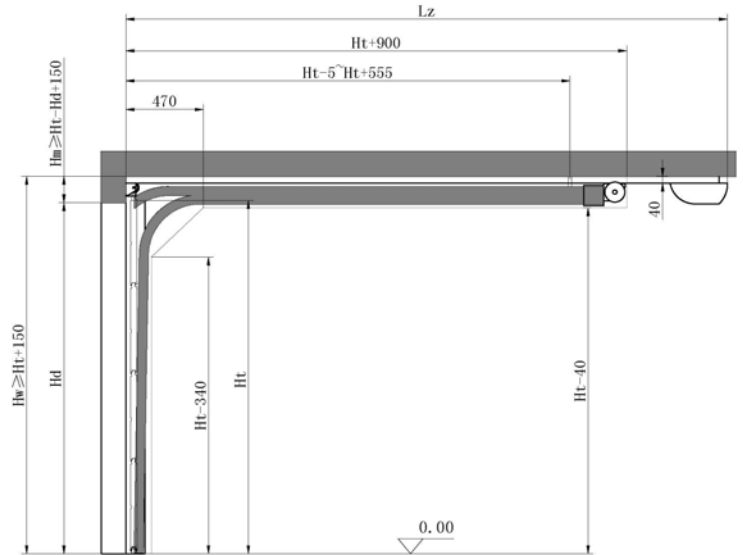


Automatic door- double tracks

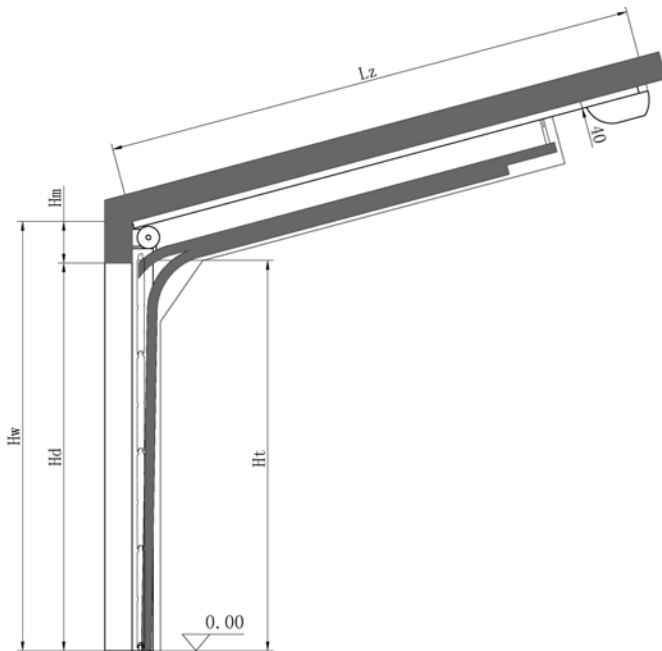
## Rear spring installation



Manual door – rear spring



Automatic door – rear spring



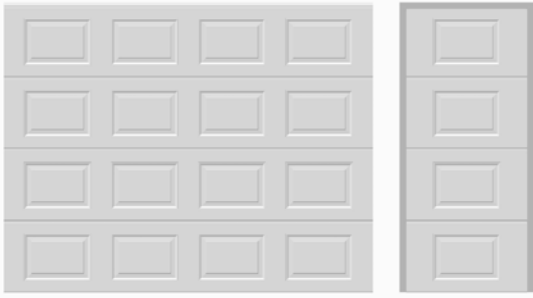
Slant horizontal tracks' installing – double tracks

## Installation guide table

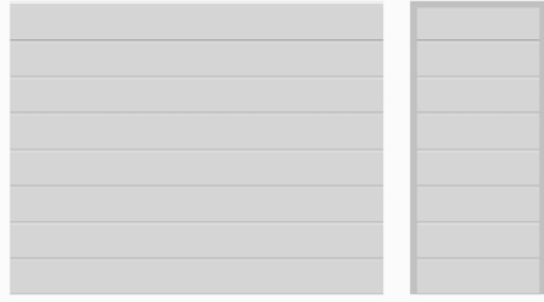
Dimension of the door Hole	Installation mode	Manual open	Automatic open
Height of the lintel	Single track	≥210mm	≥300mm
	Double tracks	≥140mm	≥200mm
	Rear springs	≥60mm	≥150mm
Depth	+510mm Should be longer than the height of the door hole + 510mm		+1100mm Should be longer than the height of the door hole + 1100mm
Explanation of letters	Hd =door opening height; Ht= door's height ;Hw= ceiling's height Hm= headroom's height; Lz garage's length		

## Side door

Everbright could made the side door with the same color and pattern as the garage door.



Classic pattern, A or B series window could be installed



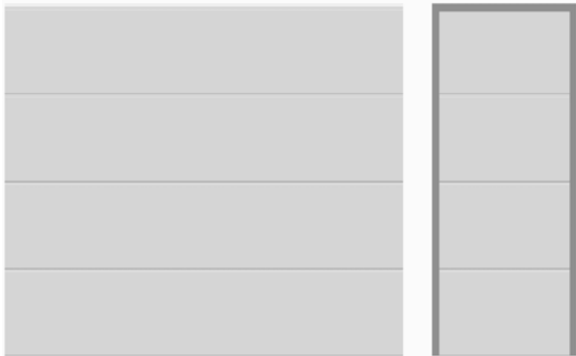
H-line pattern, C series window could be installed



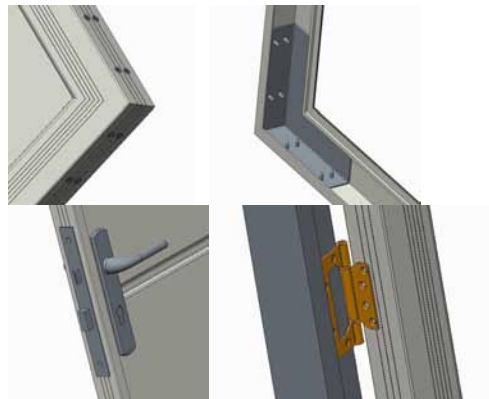
Stripe pattern, C series window could be installed



Micro-wave pattern, C series window could be installed

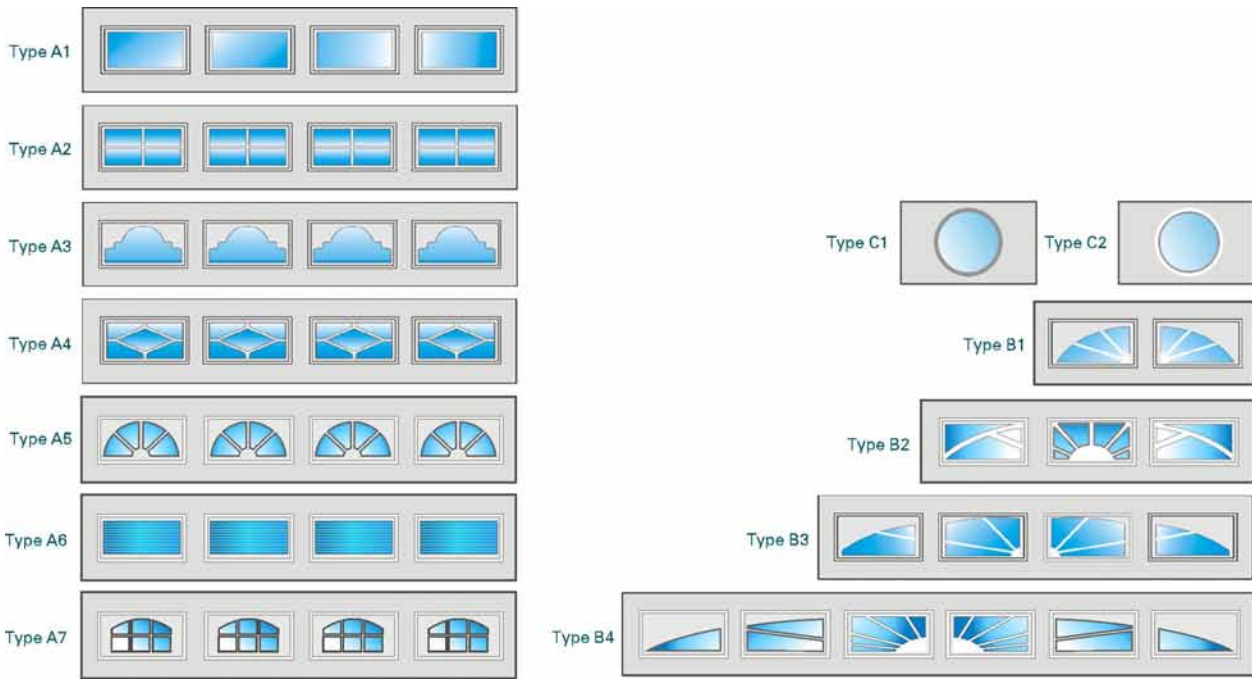


Smooth or Flat pattern, C series window could be installed





# windows



## *Everbright garage door opener safe and reliable*



**Everbright garage door openers are using the latest technology in its control system and driving system, safe, quiet and durable.**

### **Security programs**

1. Rolling code: opener adopts rolling code which could issues more than 1,000,000,000 safe codes will be chose at random, no copy code.
2. Automatic lock: Door will automatically lock itself after closing, and equips with mechanical locking system which is still functional when power is off.
3. Reverse back function: If door meets objects or persons, door closing movement will stop and reverse back to the full opening position; ( the sensing grades can be adjusted according to different situation )
4. Photo beam sensor: photo beam sensor could be installed to the door at 10 – 20cm above ground to offer more safety to families and pets.
5. our opener has motor with the overheat protection and over running time protection, the motor could keep working more stable and reliable for a long time.

### **Easy –To-Go functions**

1. Low power and energy-saving LED lights will automatically open when doors opening or closing, and the lights will automatically turn off 3 minutes later.
2. Intelligent programming system, by two times pressing of the button the limited journey could be set automatically.
3. Free off carry: Our unique design vehicle-borne transmitters, which could be installed on the vehicle shield panel to open or close the garage door inside the vehicle.
4. With different handling systems Everbright door could be open or closed even power is off.
5. Various optional accessories to fulfill your personalized requests.

### **Optional accessories**



Wireless keypad



Finger print reader



wireless wall switch



exterior receiver

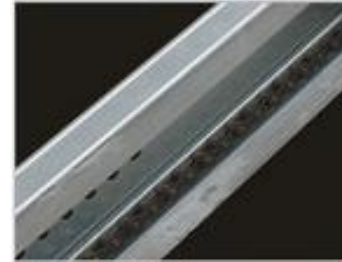


Mobile phone blue tooth receiver



vehicle-borne transmitters

## E Series Garage Door Opener



1. With the intelligent technology, the journey of the opener could be memorized automatically. The soft start / stop function ensures stable and durable of the opener.
2. Advanced function: Automatically follow and check the resistance change curve during door movement, then the opener will automatically adjust itself to follow the change. This avoid of the
3. inconvenience and complexity of manally adjustment , and at the same time, it is more reliable and safe.
4. There are different series openers in various powers to meet with the doors in different sizes.
5. Chain or belt drive rail .
6. Opener's rail could be in integrated or sectional one. Sectional one could be packed together with the opener to save space and freight.

### Technical data

Item No.	EC600	EC800	EC1000	EC1200
Voltage	110/220×(1±10%)VAC 50-60Hz			
Power	60W	80W	100W	120W
Unload loss	≅ 4	≅ 4	≅ 4	≅ 4
Remote distance	≅ 30m	≅ 30m	≅ 30m	≅ 30m
Running speed	140mm/s	140mm/s	140mm/s	140mm/s
Max. Lifting force	600N	800N	1000N	1200N
Max. Lifting height	3.0	3.0	3.3	3.6
Max. SQM	10 m <sup>2</sup>	14.5 m <sup>2</sup>	18 m <sup>2</sup>	18.5 m <sup>2</sup>
Drive type	Chain /Belt drive			
Working temperature	-25℃--+50℃			
Battery Back-up	Could be connected			



Vehicle-borne transmitter



Handset



Handset



IPHONE blue tooth



## U Series Garage Door Opener

### U9367



#### SAFETY & SECURITY FEATURES

- Auto reversing safety sensor project
- Auto light flashing when infrared beam is broken
- System ensures the door remains securely locked when the garage door is closed
- Manual release handle in case of power failure
- Up Safety Stop
- Automatic Trolley Reconnect
- Soft Start and Soft Stop



#### OPERATOR FEATURES

- Voltage:120V AC,60Hz
- Current Rating:3A
- Radio Frequency(MHZ):315
- 5 Years Motor Warranty
- 1 Year Parts Warranty
- 100-Watts Lighting with Lens Cover
- Meets all UL325 requirements



#### DRIVE MECHANISM

- Drive Means: Belt Drive & Industrial-Strength Chain Drive
- Door linkage: Adjustable Door Arm
- 7' , 8' and 10' Type C Rail

**DC 1/2HP\***  
GARAGE DOOR OPENER

## Accessories



Remote Control



Wall Switch



Remote Control



Photo Eyes



Remote Control



Wireless Control Keypad



#### SAFETY & SECURITY FEATURES

- Auto reversing safety sensor project
- Auto light flashing when infrared beam is broken
- System ensures the door remains securely locked when the garage door is closed
- Manual release handle in case of power failure
- Up Safety Stop
- Automatic Trolley Reconnect
- Soft Start and Soft Stop



#### OPERATOR FEATURES

- Voltage:120V AC,60Hz
- Current Rating:3A
- Radio Frequency(MHZ):315
- 5 Years Motor Warranty
- 1 Year Parts Warranty
- 200-Watts Lighting with Lens Cover
- Meets all UL325 requirements



#### DRIVE MECHANISM

- Drive Means: Belt Drive & Industrial-Strength Chain Drive
- Door linkage: Adjustable Door Arm
- 7' , 8' and 10' Type C Rail

## DC 1/2 HP\* GARAGE DOOR OPENER



Standard Remote Control



Optional Remote Control

UL Online Certification number:E343047

