

# SMART GATE AUTOMATION SYSTEM



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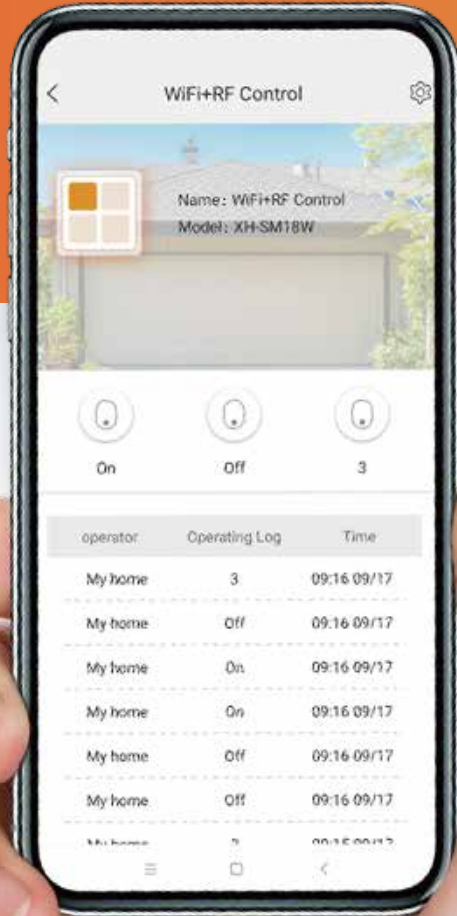
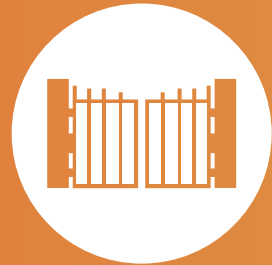


**Giant Alarm System Co.,Ltd / AUTOGA CO.,LTD**

**20+**

More than 20 years experience  
in gate automation industry

**CHINESE LEADING GATE AUTOMATION  
SYSTEM MANUFACTURER**



## You are in control, wherever you are.

Based on the safety considerations of users' lives and property, Giant chooses to hand over control to users through technological research and innovation. Now, Xhouse IOT not only allows you to control the opening and closing of gates from any place, but also allows you to easily control the gate system with the help of gate opener accessories and monitoring systems to enter and exit your property. We invite you to learn more about this technological innovation.



# Contents



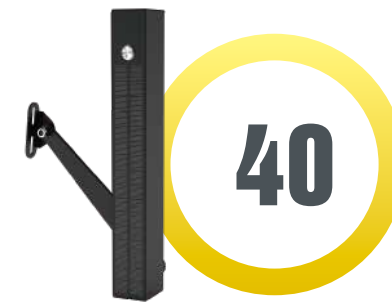
Sliding Gate Opener



Swing Gate Opener



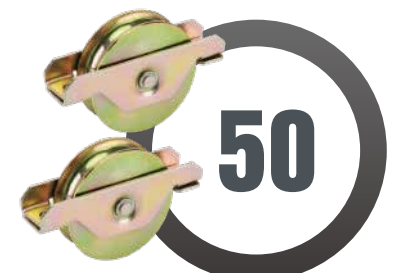
Boom Barrier System



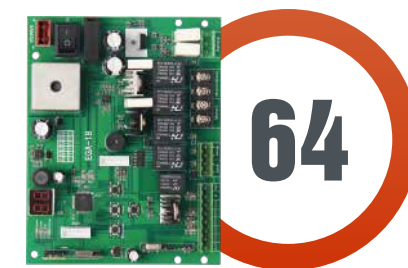
Window Opener



DIY Aluminum Gates



Gate Hardware Accessories



Control Board



Universal Receiver



Smart Control System



Gate Automation Accessories



Remote Control





**Smart  
Control**



**Energy  
Efficiency**



**DIY  
Friendly**



Giant sliding gate openers are available with loading capacities ranging from 300KG to 3000KG. These openers can be powered by either AC or DC motors, allowing for flexible energy options including solar power. Each unit is equipped with a built-in control board and limit switch, supporting Wi-Fi and 2.4G smart control for remote operation at any time and from anywhere. They feature thermal protection, anti-pinch safety mechanisms, auto-closing capabilities, and manual operation during power outages. The installation process is straightforward, ensuring a robust structure that provides stable and reliable performance while being permanently lubricated for maintenance-free operation.

## SLIDING GATE AUTOMATION SYSTEM

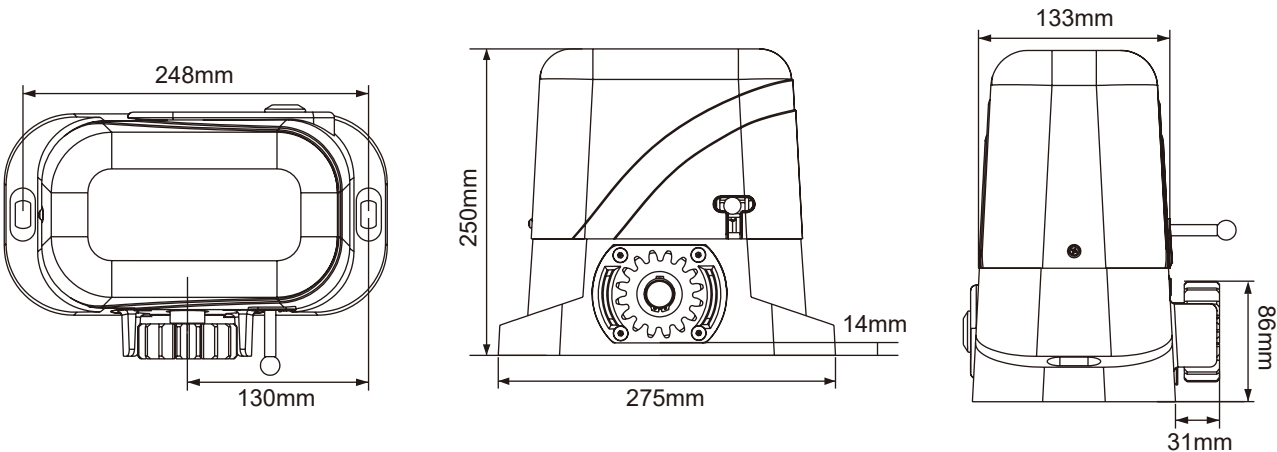




WIFI BLUETOOTH

PYM-A2201 PYM-A2203

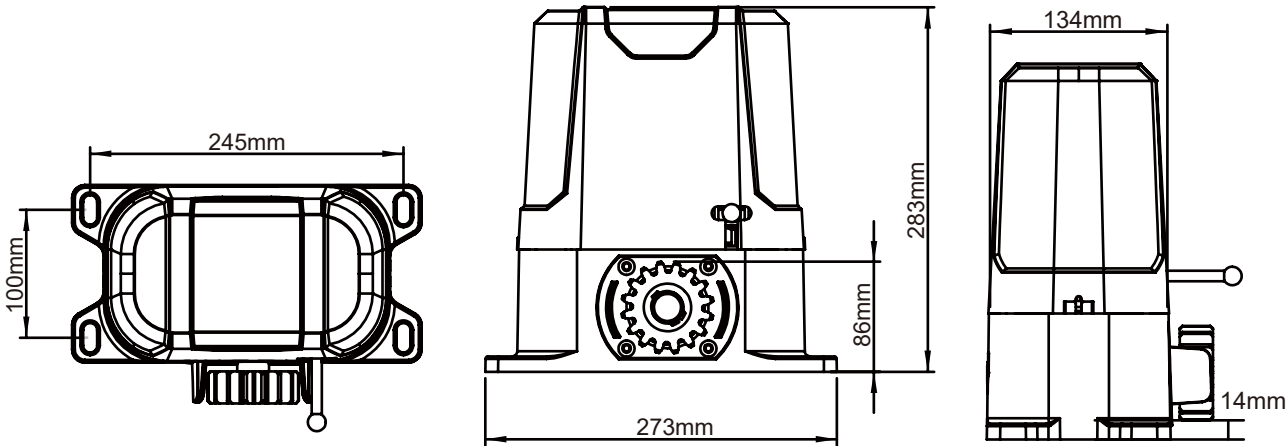
Power supply	220V/110V ±10%	220V/110V ±10%
Motor	220V/110V AC	220V/110V AC
Motor power	90W	130W
Rated speed	1400RPM	1400RPM
Motor output speed	50r/min±10%	50r/min±10%
Output torque	16N.m	22N.m
Gear modulus	M=4	M=4
Output gear number	Z=16	Z=16
Load weight	600KGS	800KGS
Open/Close speed	20cm/s	20cm/s
Max. pull force	750N	1100N
Limit switch	Spring/Magnetic limit switch	Spring/Magnetic limit switch
Work temperature	-20℃ ~ +55℃	-20℃ ~ +55℃
WiFi & Bluetooth Control	Need to adopt smart control board	Need to adopt smart control board



WIFI BLUETOOTH

PYM-N2208

Power supply	220V/110V ±10%
Motor	220V/110V AC
Motor power	130W
Rated speed	1300RPM
Motor output speed	50r/min±10%
Output torque	22N.m
Gear modulus	M=4
Output gear number	Z=16
Load weight	1000KGS
Open/Close speed	20cm/s
Max. pull force	1100N
Limit switch	Spring/Magnetic limit switch
Work temperature	-20℃ ~ +55℃
WiFi & Bluetooth Control	Need to adopt smart control board







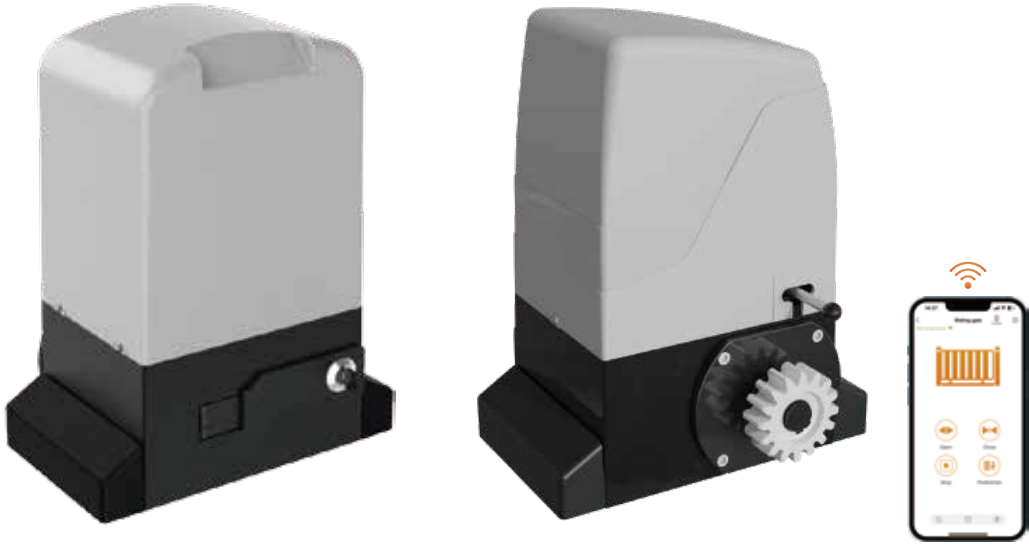
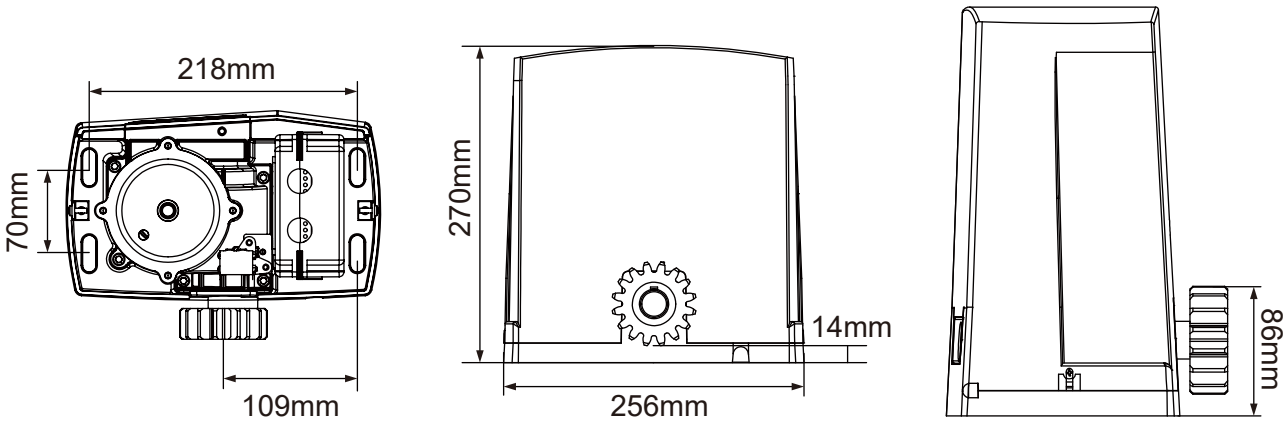
WIFI



BLUETOOTH

PYM-K2208

Power supply	220V/110V ±10%
Motor	220V/110V AC
Motor power	130W
Rated speed	1400RPM
Motor output speed	50r/min±10%
Output torque	22N.m
Gear modulus	M=4
Output gear number	Z=16
Load weight	1000KGS
Open/Close speed	26cm/s
Max. pull force	1200N
Limit switch	Spring/Magnetic limit switch
Work temperature	-20℃ ~ +55℃
WiFi & Bluetooth Control	Need to adopt smart control board



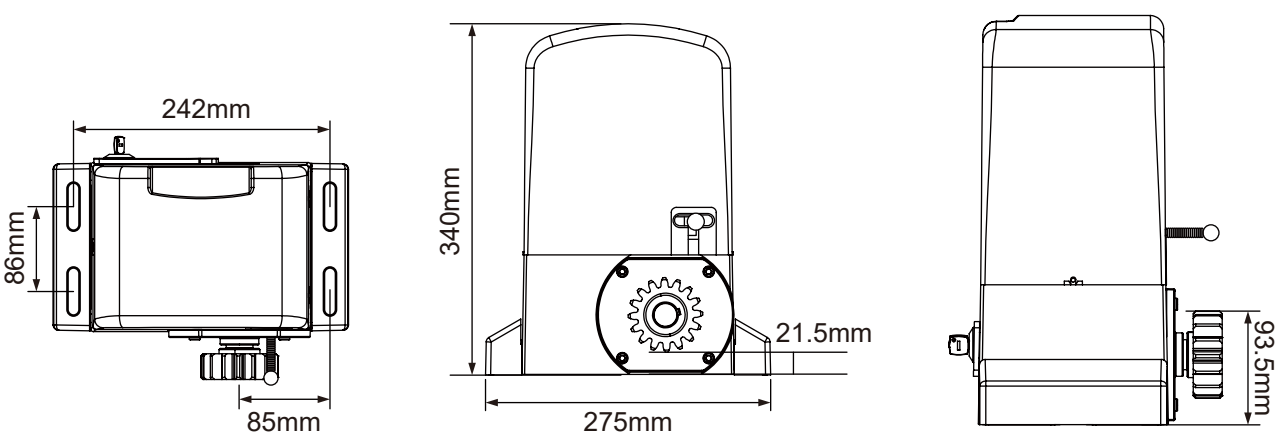
WIFI



BLUETOOTH

PYM-H2206 PYM-H1106 PYM-H220D

Power supply	220V ±10%	110V ±10%	220V ±10% / 110V ±10%
Motor	220V AC	110V AC	220V / 110V AC
Motor power	550W	550W	370W
Rated speed	1300RPM	1400RPM	1300RPM
Motor output speed	50r/min±10%	50r/min±10%	50r/min±10%
Output torque	37N.m	36N.m	32N.m
Gear modulus	M=4	M=4	M=4
Output gear number	Z=16	Z=16	Z=16
Load weight	2000KGS	1800KGS	1000KGS
Open/Close speed	20cm/s	20cm/s	20cm/s
Max. pull force	1800N	1800N	1200N
Limit switch	Spring/Magnetic limit switch	Spring/Magnetic limit switch	Spring/Magnetic limit switch
Work temperature	-20℃ ~ +55℃	-20℃ ~ +55℃	-20℃ ~ +55℃
WiFi & Bluetooth Control	Need to adopt smart control board	Need to adopt smart control board	Need to adopt smart control board

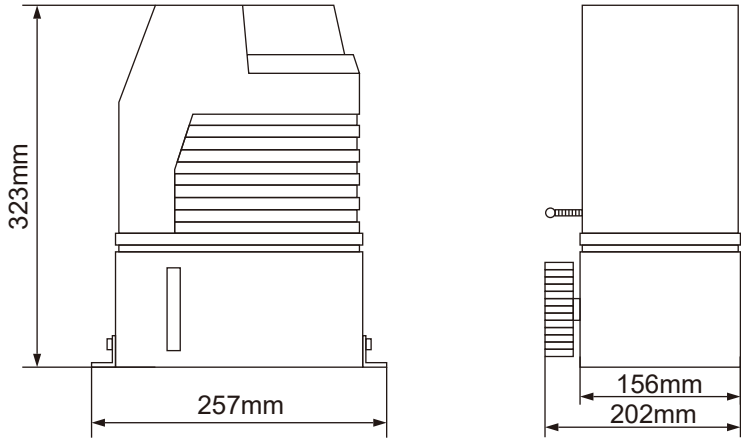


AC Sliding Gate Opener



PYM-C2201

Power supply	220V/110V ±10%
Motor	220V/110V AC
Motor power	550W
Rated speed	1400RPM
Motor output speed	50r/min±10%
Output torque	22N.m
Gear modulus	M=4
Output gear number	Z=16
Load weight	2000KGS
Open/Close speed	20cm/s
Max. pull force	1800N
Limit switch	Spring limit switch
Work temperature	-20℃ ~ +55℃
WiFi & Bluetooth Control	Need to adopt smart control board

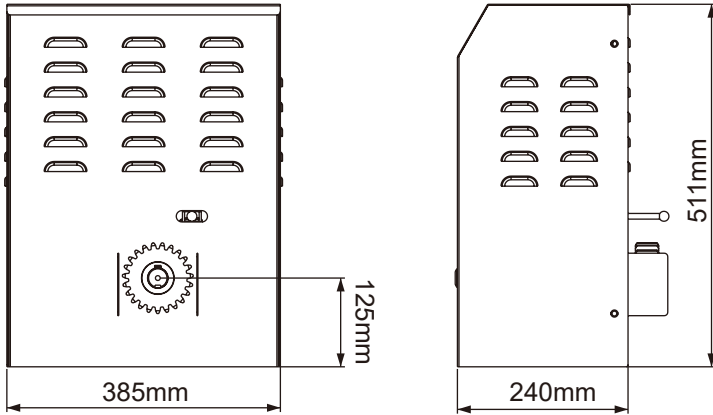


AC Sliding Gate Opener



PYM-D2204

Power supply	220V±10%
Motor	220V AC
Motor power	750W
Rated speed	1400RPM
Motor output speed	35r/min±10%
Output torque	35N.m
Gear modulus	M=4
Output gear number	Z=23
Load weight	3000KGS
Open/Close speed	16cm/s
Max. pull force	1800N
Limit switch	Spring limit switch
Work temperature	-20℃ ~ +55℃
WiFi & Bluetooth Control	Need to adopt smart control board

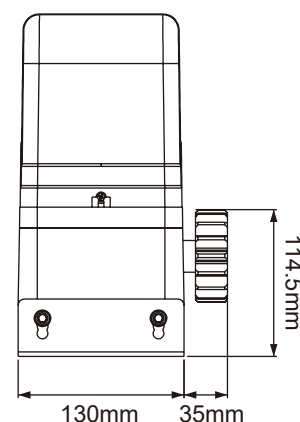
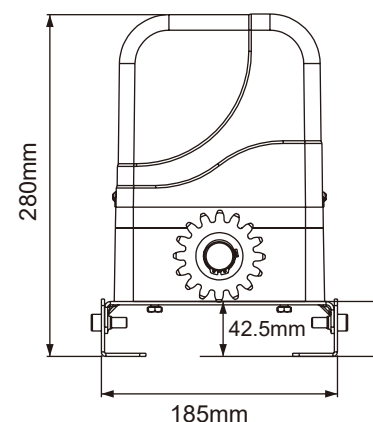
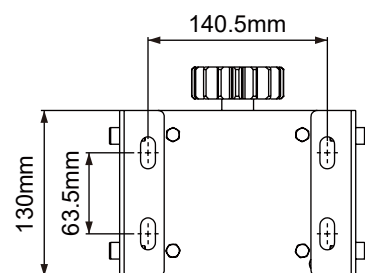






## PYM-X2208

Power supply	220V/110V ±10%
Motor	220V/110V AC
Motor power	90W
Rated speed	1400RPM
Motor output speed	50r/min±10%
Output torque	12N.m
Gear modulus	M=4
Output gear number	Z=16
Load weight	300KGS
Open/Close speed	20cm/s
Max. pull force	400N
Limit switch	Magnetic limit switch
Work temperature	-20°C ~ +55°C



## THREE-PHASE SLIDING GATE OPENER

### ★ Greater thrust in maneuver

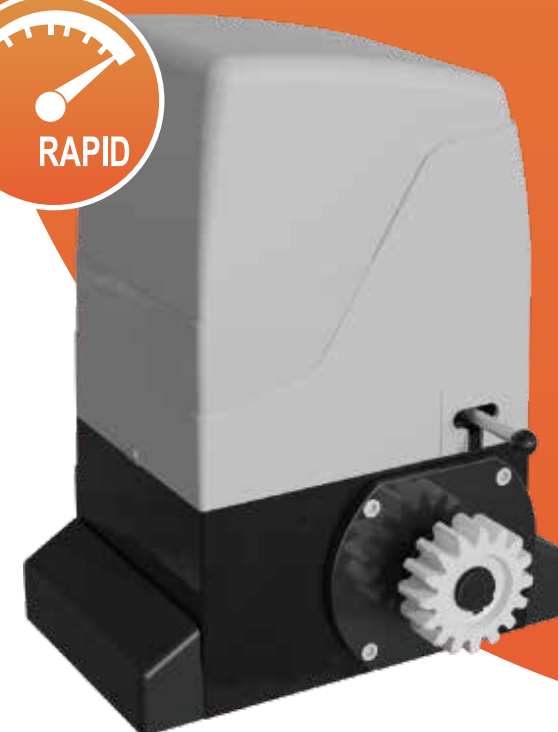
The 230-400V three-phase electronics allows the use of greater dynamic thrust in the initial phase of the maneuver, thus overcoming any critical situations related to the weight of the window.

### ★ Intensive use

The three-phase geared motor guarantees operation even in the most severe conditions of use, such as industrial application

### ★ Inertia control stably

In large industrial windows, weight often represents a forced condition, linked to the size of the window. Direct consequence of the considerable mass is the passive inertia at the end of the maneuver. with the new control panel, is able to control the passive effects of inertia, making the passage more secure.

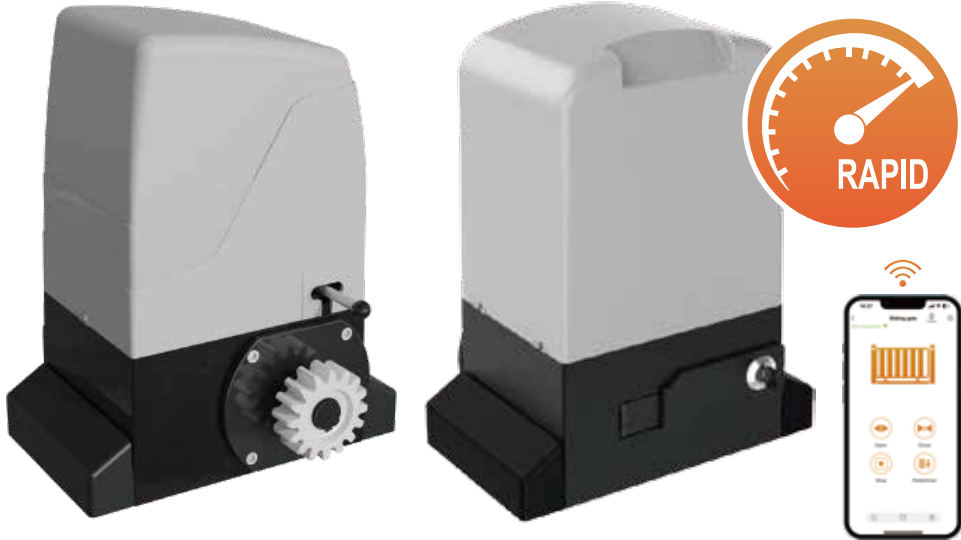
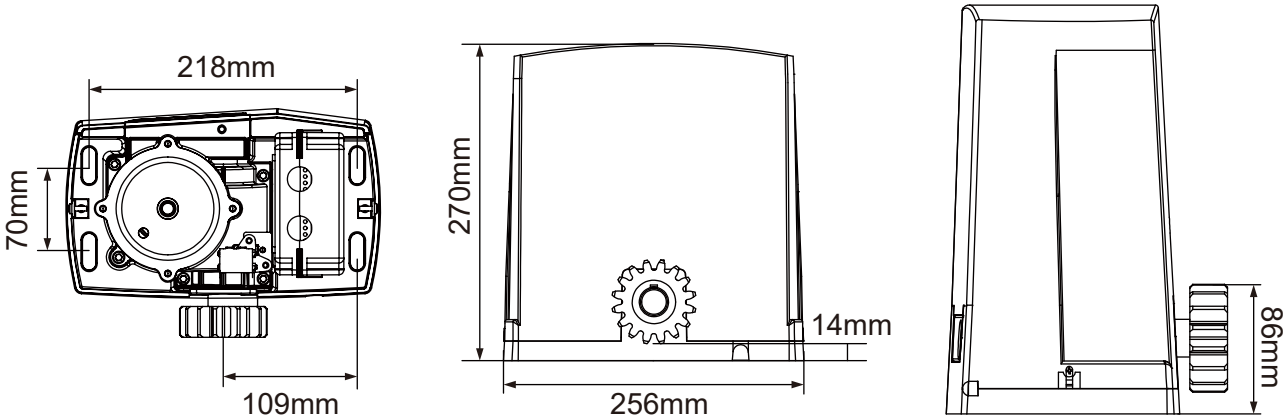




WIFI BLUETOOTH INVERTER

PYM-K2202

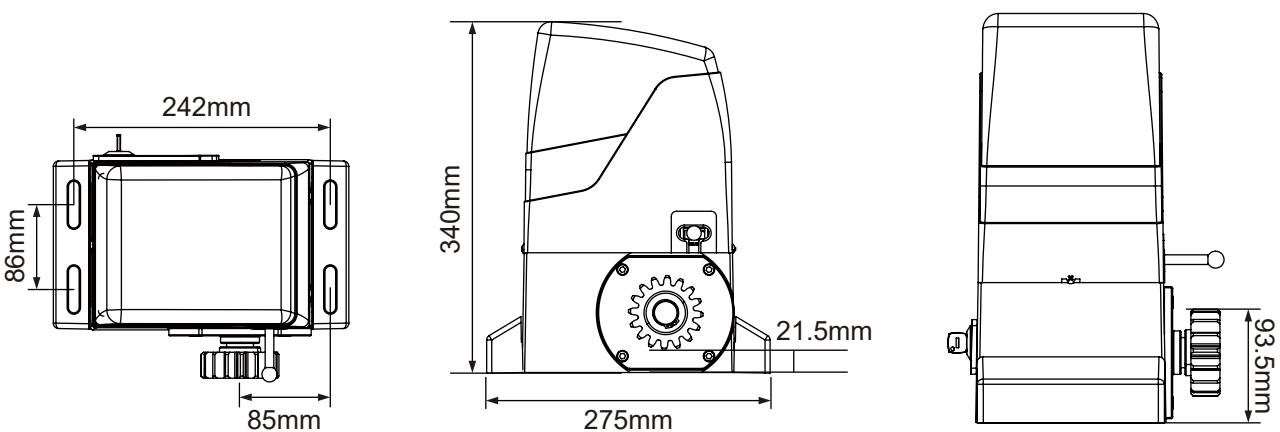
Power supply	AC 220V
Motor	Motor with inverter
Motor power	80W
Rated speed	1400RPM
Motor output speed	50r/min±10%
Output torque	22N.m
Gear modulus	M=4
Output gear number	Z=16
Load weight	1000KGS
Open/Close speed	26cm/s
Max. pull force	1200N
Limit switch	Spring/Magnetic limit switch
Work temperature	-20℃ ~ +55℃
WiFi & Bluetooth Control	Need to adopt smart control board



WIFI BLUETOOTH INVERTER

PYM-H2207

Power supply	AC 220V
Motor	Motor with inverter
Motor power	250W
Rated speed	1400RPM
Motor output speed	50r/min±10%
Output torque	62N.m
Gear modulus	M=4
Output gear number	Z=16
Load weight	2500KGS
Open/Close speed	20cm/s
Max. pull force	2300N
Limit switch	Spring/Magnetic limit switch
Work temperature	-20℃ ~ +55℃
WiFi & Bluetooth Control	Need to adopt smart control board





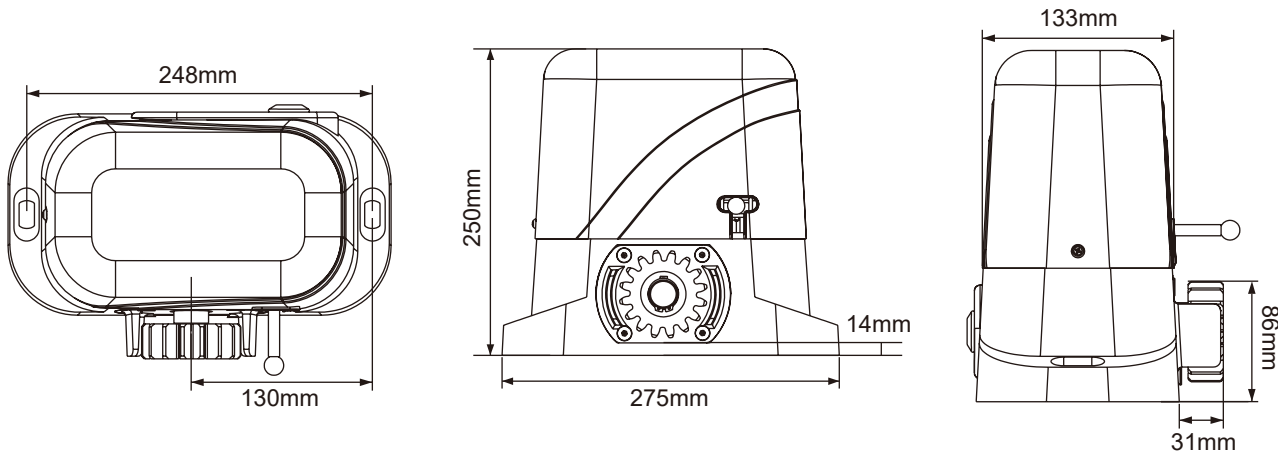
DC Sliding Gate Opener



WIFI BLUETOOTH SOLAR COMPATIBLE

PYM-A024

Power supply	220V/110V ±10%
Motor	24V DC
Motor power	130W
Rated speed	1400RPM
Motor output speed	50r/min±10%
Output torque	22N.m
Gear modulus	M=4
Output gear number	Z=16
Load weight	500KGS
Open/Close speed	26cm/s
Max. pull force	650N
Limit switch	Spring/Magnetic limit switch
Work temperature	-20℃ ~ +55℃
WiFi & Bluetooth Control	Need to adopt smart control board



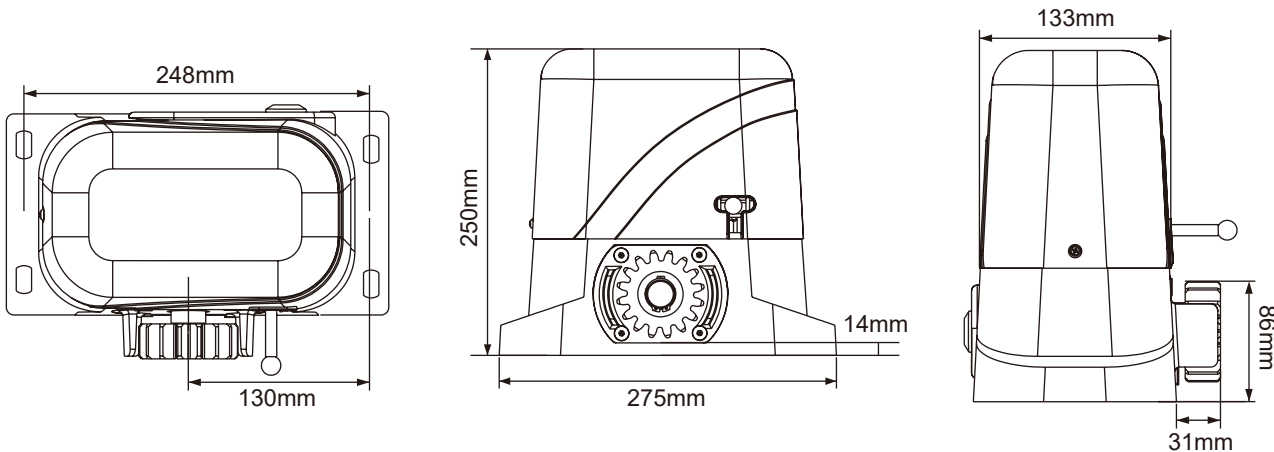
DC Sliding Gate Opener



WIFI BLUETOOTH SOLAR COMPATIBLE

PYM-C024

Power supply	220V/110V ±10%
Motor	24V DC
Motor power	90W
Rated speed	1400RPM
Motor output speed	50r/min±10%
Output torque	12N.m
Gear modulus	M=4
Output gear number	Z=16
Load weight	300KGS
Open/Close speed	20cm/s
Max. pull force	400N
Limit switch	Magnetic limit switch
Work temperature	-20℃ ~ +55℃
WiFi & Bluetooth Control	Need to adopt smart control board

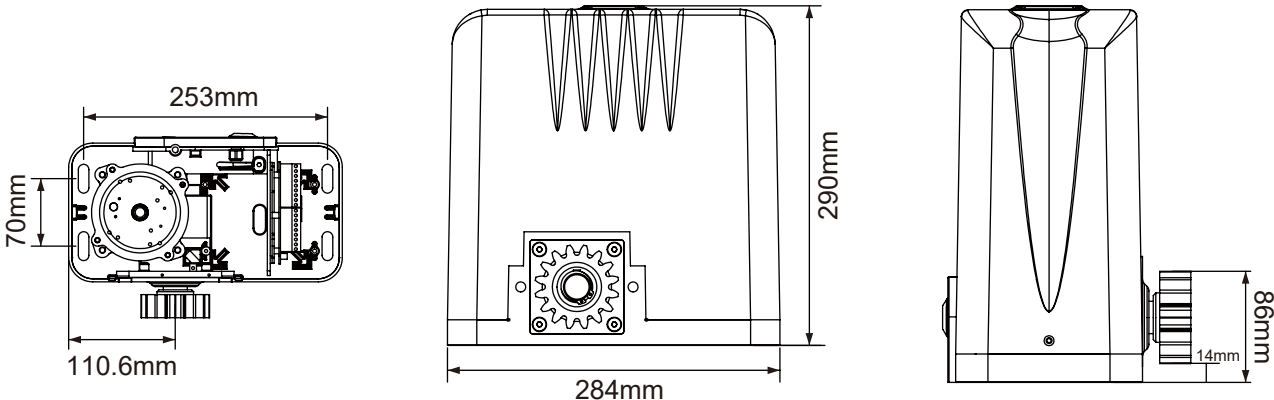




WIFI    BLUETOOTH    SOLAR COMPATIBLE

PYM-B024-1

Power supply	220V/110V ±10%
Motor	24V DC
Motor power	130W
Rated speed	1400RPM
Motor output speed	50r/min±10%
Output torque	12N.m
Gear modulus	M=4
Output gear number	Z=16
Load weight	1000KGS
Open/Close speed	26cm/s
Max. pull force	1200N
Limit switch	Magnetic limit switch
Battery type	Lead-Acid back up battery
Work temperature	-20℃ ~ +55℃
WiFi & Bluetooth Control	Need to adopt smart control board



WIFI    BLUETOOTH    SOLAR COMPATIBLE

PYM-B024-2

Power supply	220V/110V ±10%
Motor	24V DC
Motor power	130W
Rated speed	1400RPM
Motor output speed	50r/min±10%
Output torque	12N.m
Gear modulus	M=4
Output gear number	Z=16
Load weight	1000KGS
Open/Close speed	26cm/s
Max. pull force	1200N
Limit switch	Magnetic limit switch
Battery type	Lithium back up battery
Work temperature	-20℃ ~ +55℃
WiFi & Bluetooth Control	Need to adopt smart control board





DC Sliding Gate Opener



WIFI



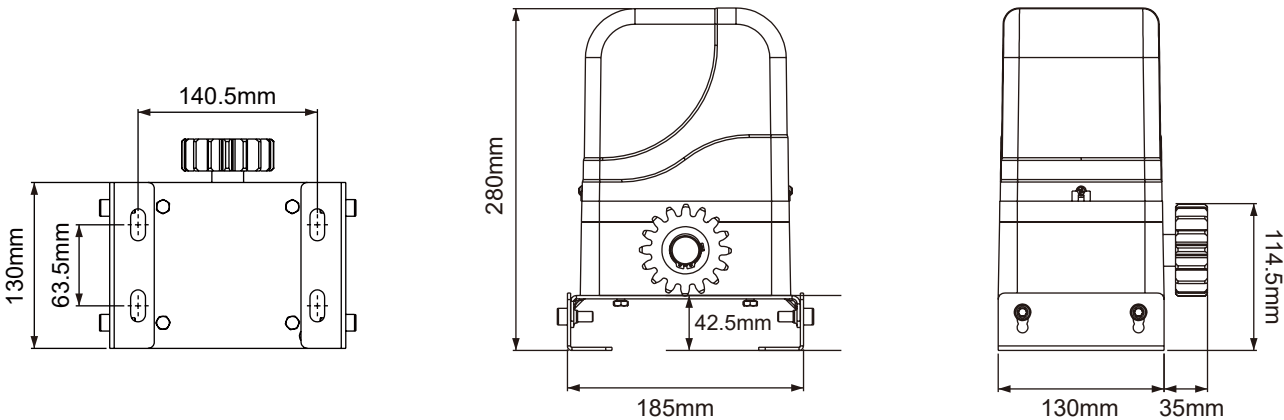
BLUETOOTH



SOLAR COMPATIBLE

PYM-Z012

Power supply	220V/110V ±10%
Motor	12V DC
Motor power	130W
Rated speed	1400RPM
Motor output speed	50r/min±10%
Output torque	12N.m
Gear modulus	M=4
Output gear number	Z=16
Load weight	300KGS
Open/Close speed	20cm/s
Max. pull force	400N
Limit switch	Magnetic limit switch
Work temperature	-20℃ ~ +55℃



DC Sliding Gate Opener



WIFI



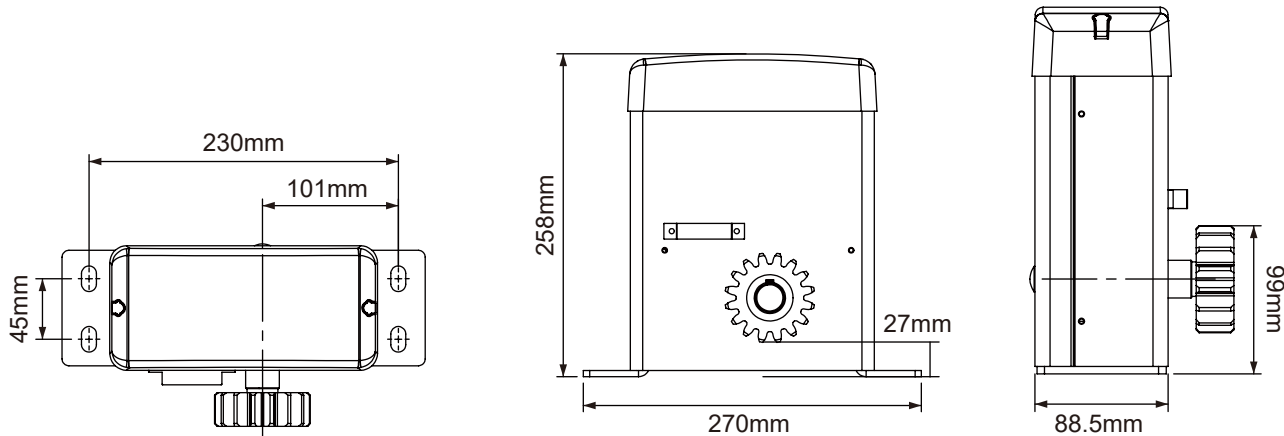
BLUETOOTH



SOLAR COMPATIBLE

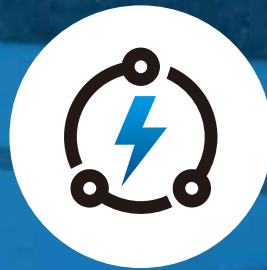
PYM-E024

Power supply	220V/110V ±10%
Motor	24 DC
Motor power	90W
Rated speed	1400RPM
Motor output speed	50r/min±10%
Output torque	8N.m
Gear modulus	M=4
Output gear number	Z=16
Load weight	400KGS
Open/Close speed	20cm/s
Max. pull force	550N
Limit switch	Magnetic limit switch
Work temperature	-20℃ ~ +55℃





**Smart  
Control**



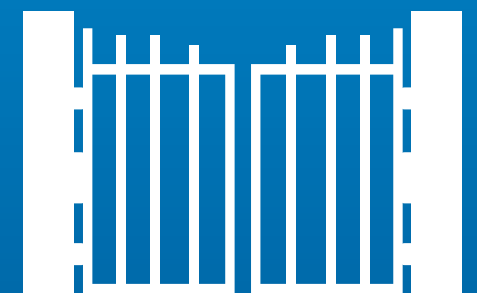
**Energy  
Efficiency**



**DIY  
Friendly**

Giant's swing gate opener. It works perfectly for both single gate and double gates setup. Flexible installation allows the gate to open inward or outward, can be operated from a distance using remote control, access keypads, push buttons, and by smart phone whenever and wherever. Notably, all swing gate openers are solar compatible, presenting an eco-friendly option that not only enhances convenience but also helps you save on energy costs.

## SWING GATE AUTOMATION SYSTEM







WIFI



BLUETOOTH



SOLAR COMPATIBLE

## PKM-C01

Power supply	220V/110V ±10%
Motor	24V DC
Motor power	40W x 2
Rated speed	375RPM
Actuator running speed	2.5cm/s
Actuator stroke	300mm
Max single leaf width	2.5M
Max single leaf weight	200KGS
Housing material	Stainless steel
Work temperature	-20°C ~ +55°C
Protection class	IP 55
WiFi & Bluetooth Control	Need to adopt smart control board



WIFI



BLUETOOTH



SOLAR COMPATIBLE

## PKM-C01-L

Power supply	220V/110V ±10%
Motor	24V DC
Motor power	40W x 2
Rated speed	375RPM
Actuator running speed	2.5cm/s
Actuator stroke	300mm
Max single leaf width	2M
Max single leaf weight	150KGS
Housing material	Aluminum tubes
Work temperature	-20°C ~ +55°C
Protection class	IP 55
WiFi & Bluetooth Control	Need to adopt smart control board



WIFI



BLUETOOTH



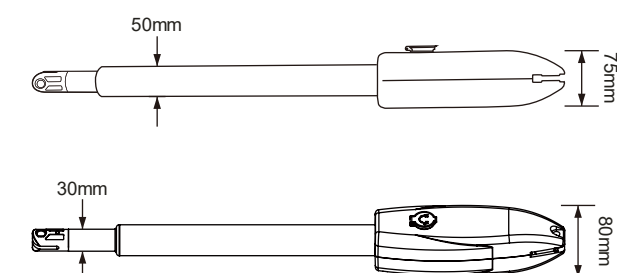
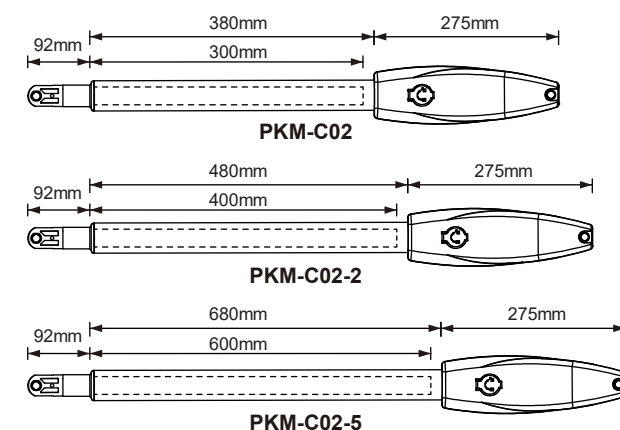
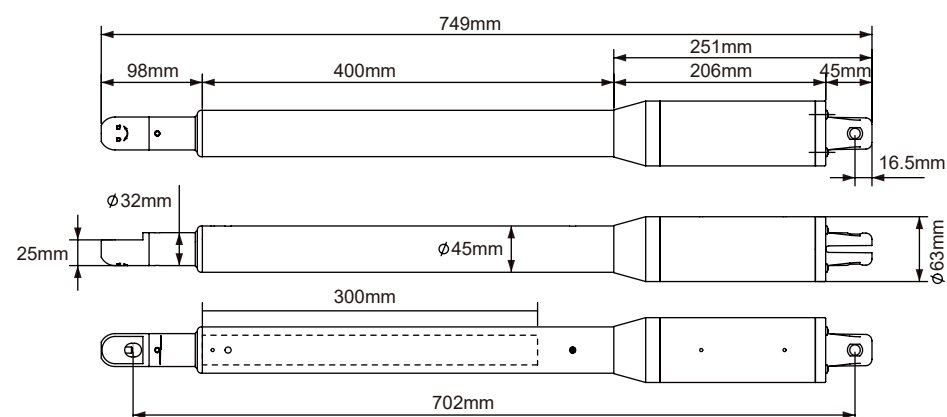
SOLAR COMPATIBLE

## PKM-C02

## PKM-C02-2

## PKM-C02-5

Power supply	220V/110V ±10%	220V/110V ±10%	220V/110V ±10%
Motor	24V DC	24V DC	24V DC
Motor power	60W x 2	60W x 2	60W x 2
Rated speed	100RPM	100RPM	100RPM
Actuator running speed	3.4cm/s	3.4cm/s	3.4cm/s
Actuator stroke	300mm	400mm	600mm
Max single leaf width	2.5M	3.5M	5M
Max single leaf weight	300KGS	350KGS	350KGS
Housing material	Aluminum, Stainless steel	Aluminum, Stainless steel	Aluminum, Stainless steel
Work temperature	-20°C ~ +55°C	-20°C ~ +55°C	-20°C ~ +55°C
Protection class	IP 55	IP 55	IP 55
WiFi & Bluetooth Control	Need to adopt smart control board	Need to adopt smart control board	Need to adopt smart control board





WIFI



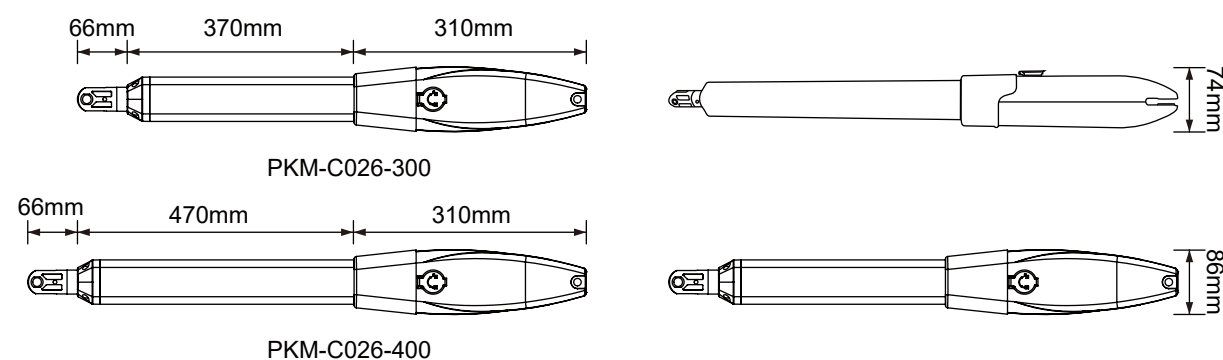
BLUETOOTH



SOLAR COMPATIBLE

## PKM-C026-300    PKM-C026-400

Power supply	220V/110V ±10%	220V/110V ±10%
Motor	24V DC	24V DC
Motor power	60W x 2	60W x 2
Rated speed	100RPM	100RPM
Actuator running speed	3.4cm/s	3.4cm/s
Actuator stroke	300mm	400mm
Max single leaf width	2.5M	3.5M
Max single leaf weight	300KGS	350KGS
Housing material	Aluminum, Stainless steel	Aluminum, Stainless steel
Work temperature	-20°C ~ +55°C	-20°C ~ +55°C
Protection class	IP 55	IP 55
WiFi & Bluetooth Control	Need to adopt smart control board	Need to adopt smart control board



Magnetic Limit Switch



WIFI



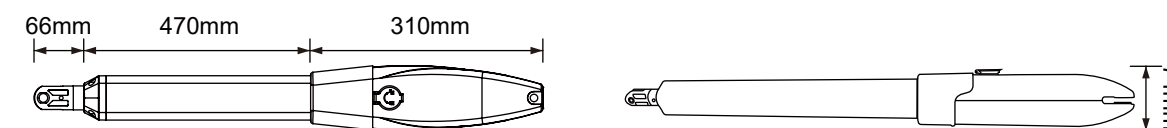
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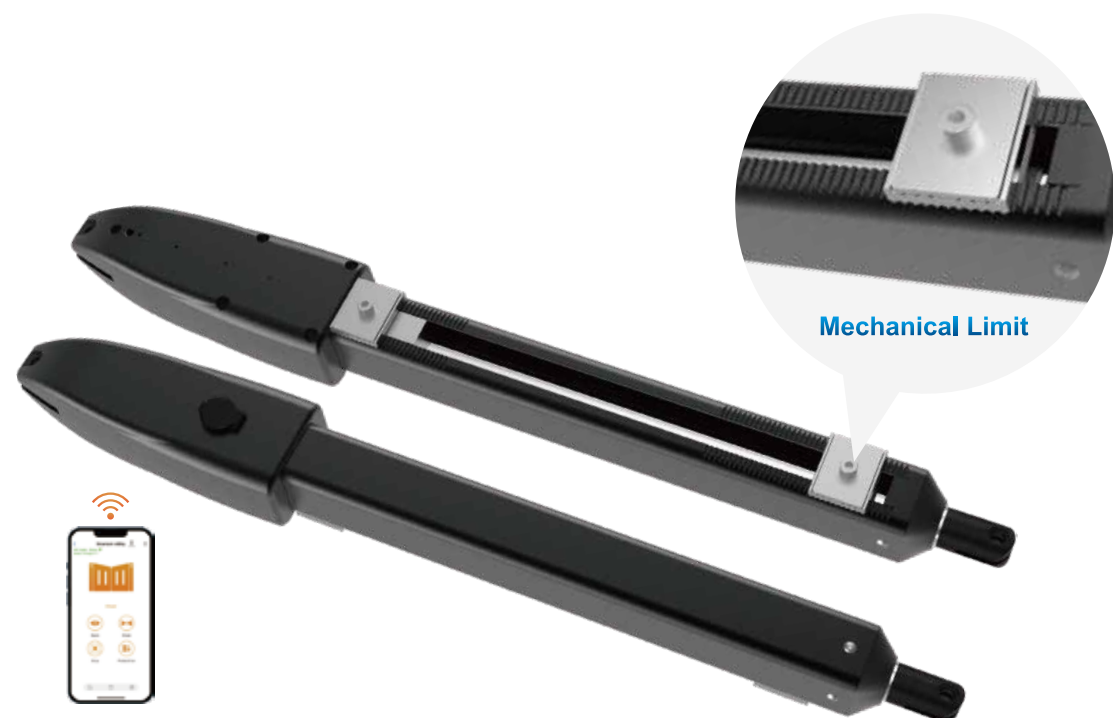


SOLAR COMPATIBLE

## PKM-C027

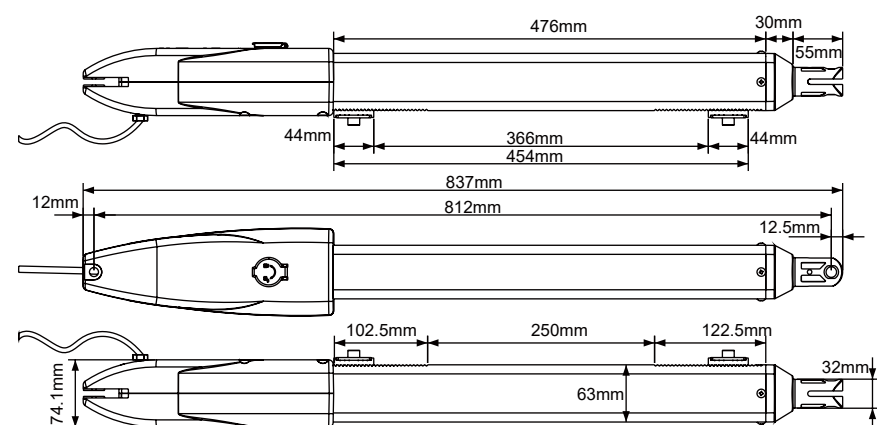
Power supply	220V/110V ±10%
Motor	24V DC
Motor power	60W x 2
Rated speed	100RPM
Actuator running speed	3.4cm/s
Adjustable Actuator stroke	350mm-400mm
Max single leaf width	2.5M
Max single leaf weight	300KGS
Housing material	Aluminum, Stainless steel
Work temperature	-20°C ~ +55°C
Protection class	IP 55
WiFi & Bluetooth Control	Need to adopt smart control board





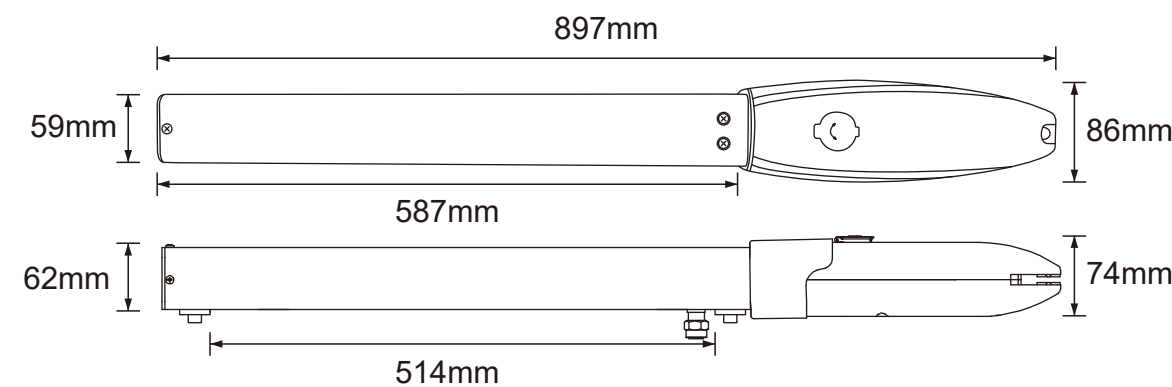
## PKM-C025

Power supply	220V/110V ±10%
Motor	24V DC
Motor power	60W x 2
Rated speed	100RPM
Actuator running speed	3.4cm/s
Max single leaf width	3.6M
Max single leaf weight	300KGS
Limit switch type	Mechanical limit
Housing material	Aluminum, Stainless steel
Work temperature	-20°C ~ +55°C
Protection class	IP 55
WiFi & Bluetooth Control	Need to adopt smart control board



## PKM-C023

Power supply	220V/110V ±10%
Motor	24V DC
Motor power	60W x 2
Rated speed	100RPM
Actuator running speed	3.4cm/s
Max single leaf width	3M
Max single leaf weight	200KGS
Limit switch type	Mechanical limit
Housing material	Aluminum, Stainless steel
Work temperature	-20°C ~ +55°C
Protection class	IP 55
WiFi & Bluetooth Control	Need to adopt smart control board







WIFI



BLUETOOTH

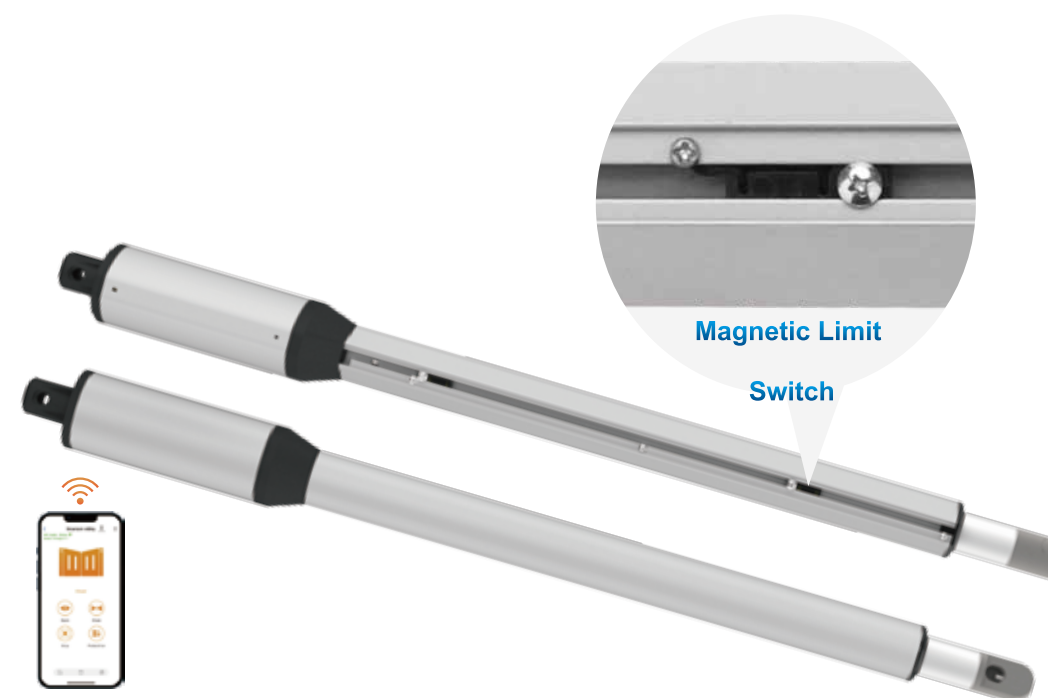
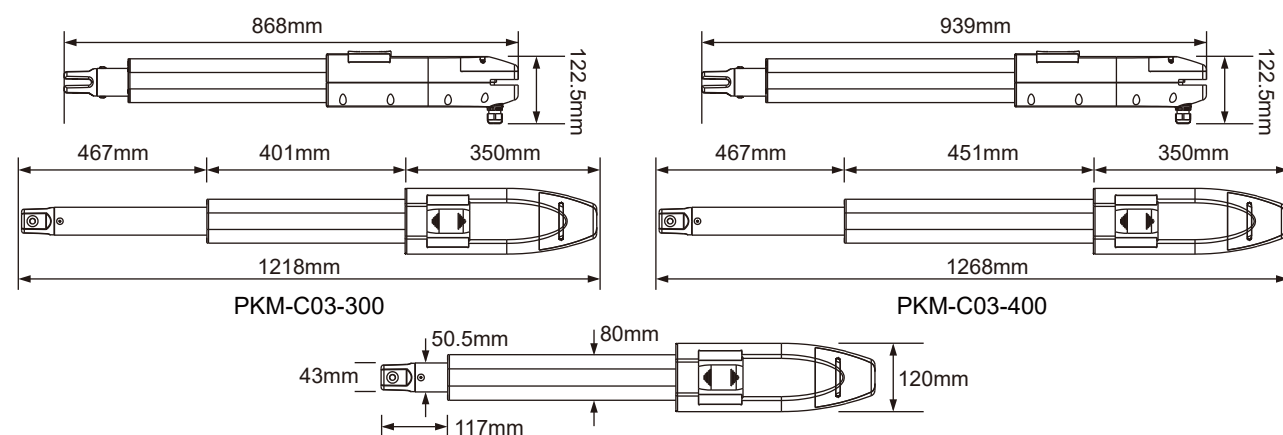


SOLAR COMPATIBLE

## PKM-C03-300

## PKM-C03-400

Power supply	220V/110V $\pm 10\%$	220V/110V $\pm 10\%$
Motor	24V DC	24V DC
Motor power	144W x 2	144W x 2
Rated speed	81RPM	81RPM
Actuator running speed	2.1cm/s	2.1cm/s
Actuator stroke	350mm	400mm
Max single leaf width	3M	3.5M
Max single leaf weight	350KGS	350KGS
Housing material	Aluminum, Stainless steel	Aluminum, Stainless steel
Work temperature	-20°C ~ +55°C	-20°C ~ +55°C
Protection class	IP 55	IP 55
WiFi & Bluetooth Control	Need to adopt smart control board	Need to adopt smart control board



WIFI



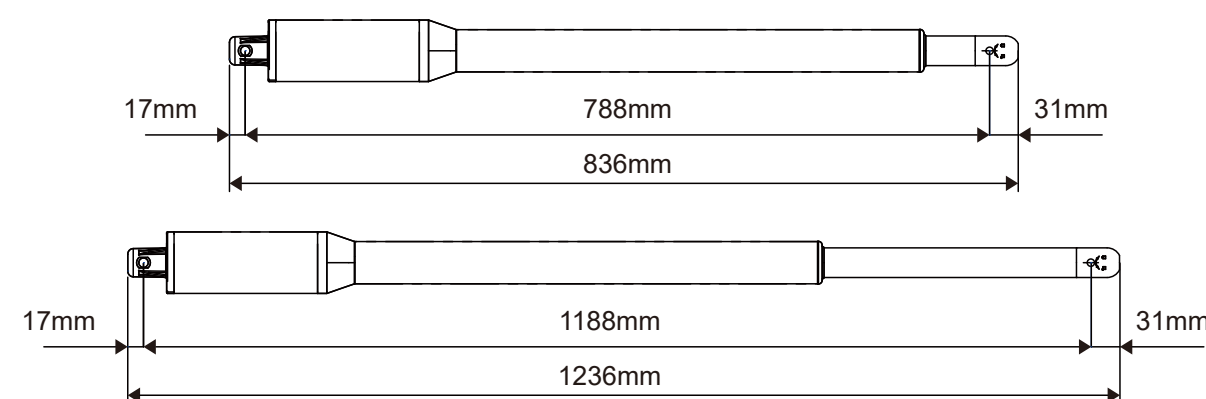
BLUETOOTH



SOLAR COMPATIBLE

## PKM-C05

Power supply	220V/110V $\pm 10\%$
Motor	24V DC
Motor power	40W x 2
Rated speed	375RPM
Actuator running speed	2.5cm/s
Actuator stroke	400mm
Max single leaf width	3.5M
Max single leaf weight	300KGS
Housing material	Aluminum, Stainless steel
Work temperature	-20°C ~ +55°C
Protection class	IP 55
WiFi & Bluetooth Control	Need to adopt smart control board

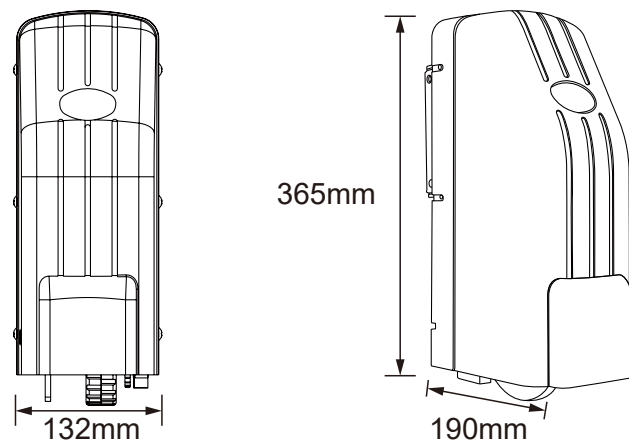




WIFI
 BLUETOOTH
 SOLAR COMPATIBLE

## PKM-A02

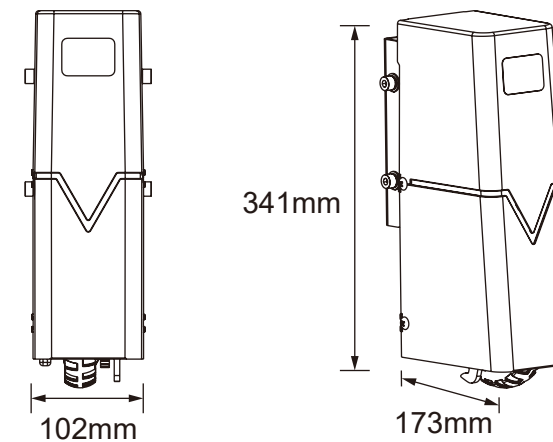
Power supply	220V/110V ±10%
Max. thrust	600N
Motor power	35W x 2
Rated speed	50RPM
Actuator running speed	18m/min
Max single leaf width	5M
Max single leaf weight	400KGS
Max. ground height adjustment	70mm
Housing material	ABS, Aluminum
Work temperature	-20°C ~ +55°C
Protection class	IP 55
WiFi & Bluetooth Control	Need to adopt smart control board



WIFI
 BLUETOOTH
 SOLAR COMPATIBLE

## PKM-A03

Power supply	220V/110V ±10%
Max. thrust	600N
Motor power	35W x 2
Rated speed	50RPM
Actuator running speed	18m/min
Max single leaf width	5M
Max single leaf weight	400KGS
Max. ground height adjustment	70mm
Housing material	ABS, Aluminum
Work temperature	-20°C ~ +55°C
Protection class	IP 55
WiFi & Bluetooth Control	Need to adopt smart control board





WIFI



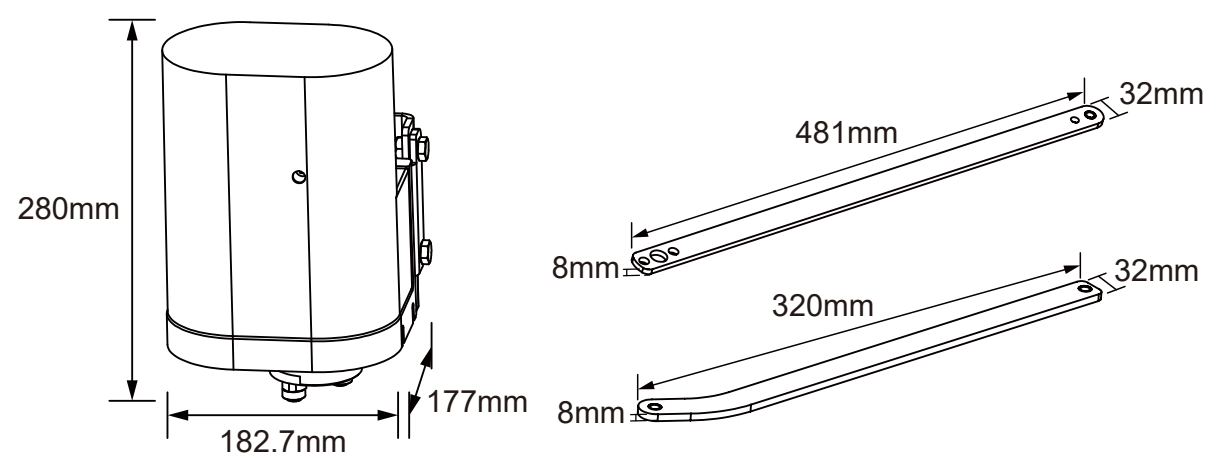
BLUETOOTH



SOLAR COMPATIBLE

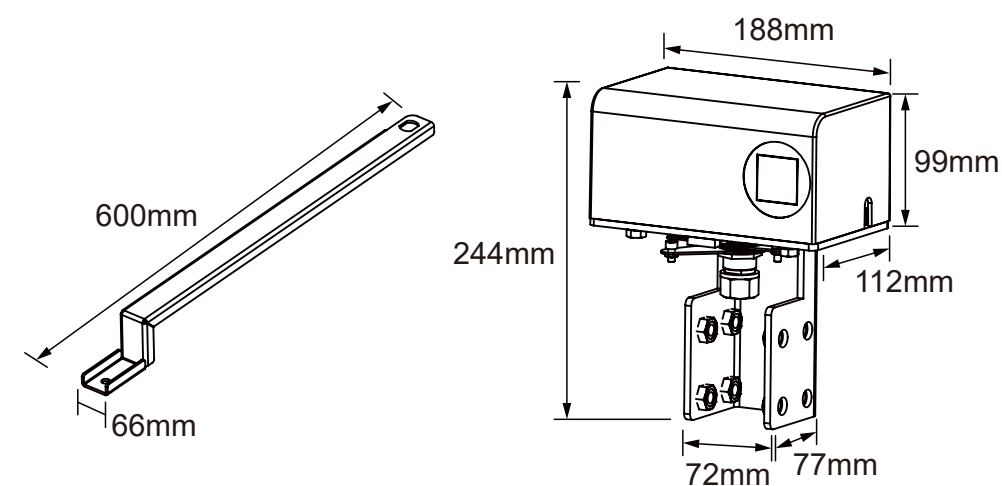
## PKM-B01

Power supply	220V/110V ±10%
Motor	24V DC
Motor power	80W x 2
Actuator running speed	13°/s
Max single leaf width	2.5M
Max single leaf weight	250KGS
Housing material	ABS, Aluminum
Work temperature	-20°C ~ +55°C
Protection class	IP 55
WiFi & Bluetooth Control	Need to adopt smart control board



## PKM-B03

Power supply	220V/110V ±10%
Motor	24V DC
Motor power	80W
Actuator running speed	16°/s
Housing material	ABS, Aluminum
Work temperature	-20°C ~ +55°C
Protection class	IP 55







**Smart  
Control**



**Energy  
Efficiency**



**DIY  
Friendly**



Barrier Gate Operators are generally used in commercial and industrial applications such as controlling access to parking lots and garages in large business complexes, airports and public facilities. These units can be operated automatically by card reader, keypad, telephone entry system, or manually controlled within a guard station or kiosk.

You can setup a barrier gate as a one way lane, or for two way traffic.

And it is available in a wide variety of lengths from 2.5M to 6M.

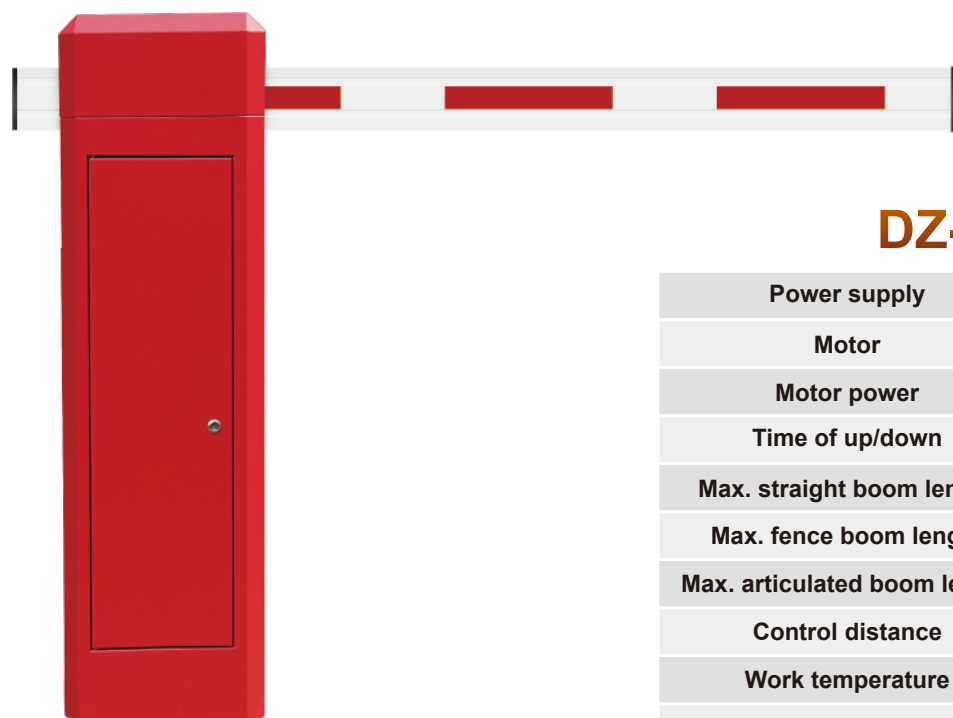


## **AUTOMATION BOOM BARRIER SYSTEM**



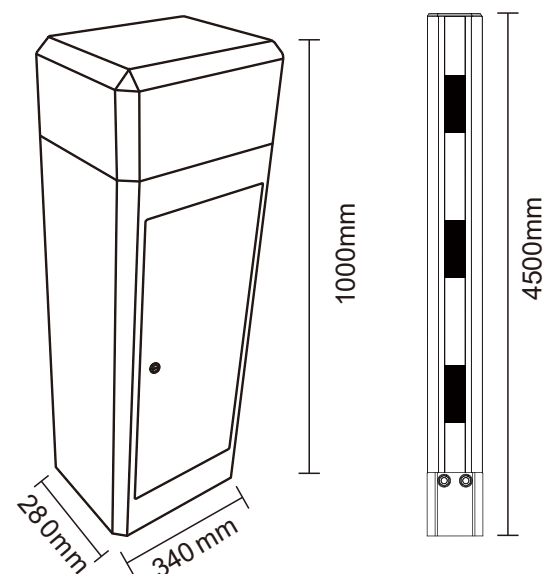


## Automatic Boom Barrier



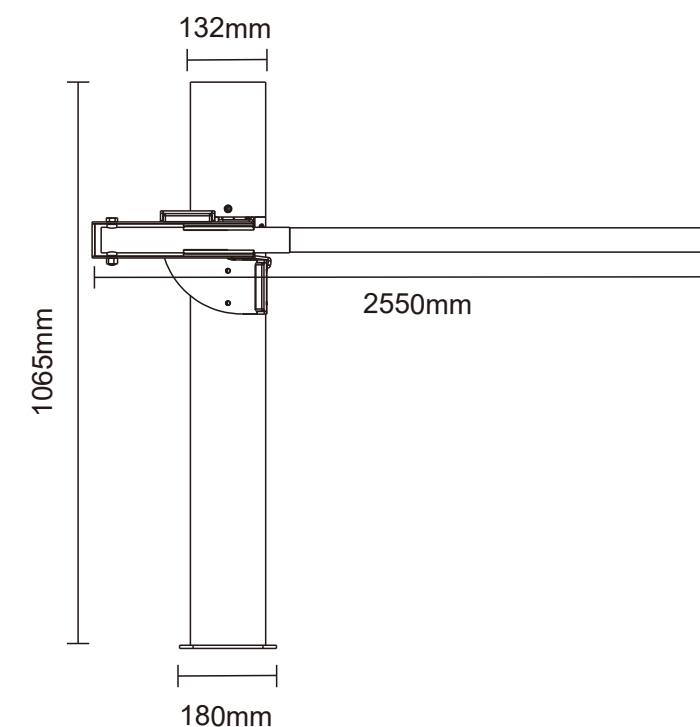
### DZ-2291

Power supply	220V/110V ±10%
Motor	220V/110V AC
Motor power	90W
Time of up/down	6s
Max. straight boom length	6M
Max. fence boom length	4.5M
Max. articulated boom length	4.5M
Control distance	≤50M
Work temperature	-20°C ~ +55°C
Protection class	IP 44



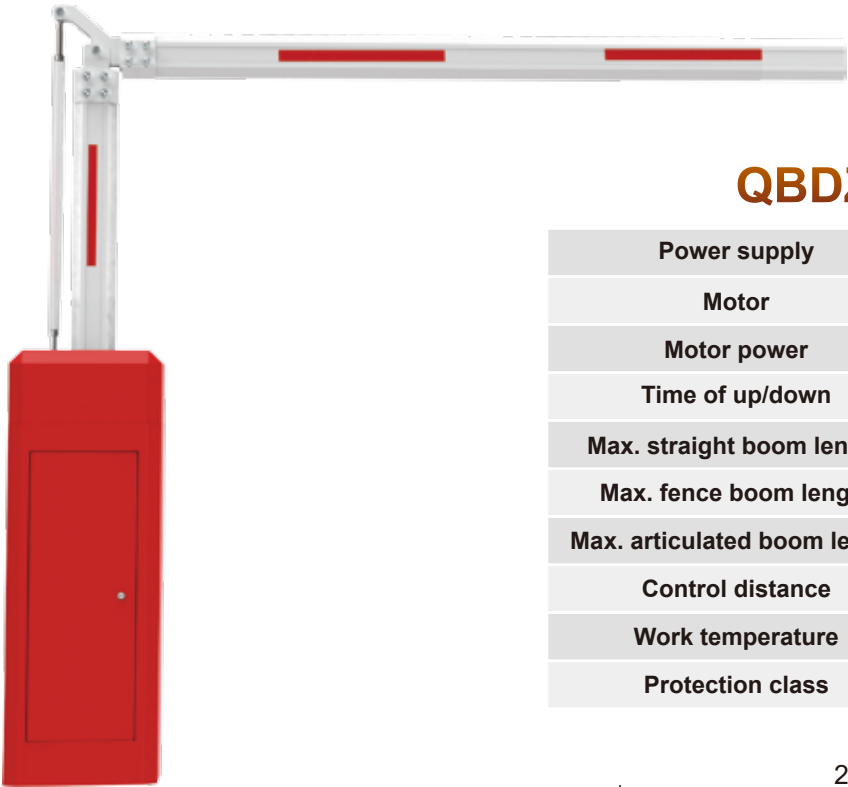
### KSDZ-E01

Power supply	220V/110V ±10%
Motor	12V DC
Motor power	25W
Time of up/down	3s-5s
Max. boom length	2.5M
Control distance	≤50M
Work temperature	-20°C ~ +60°C
Protection class	IP 42



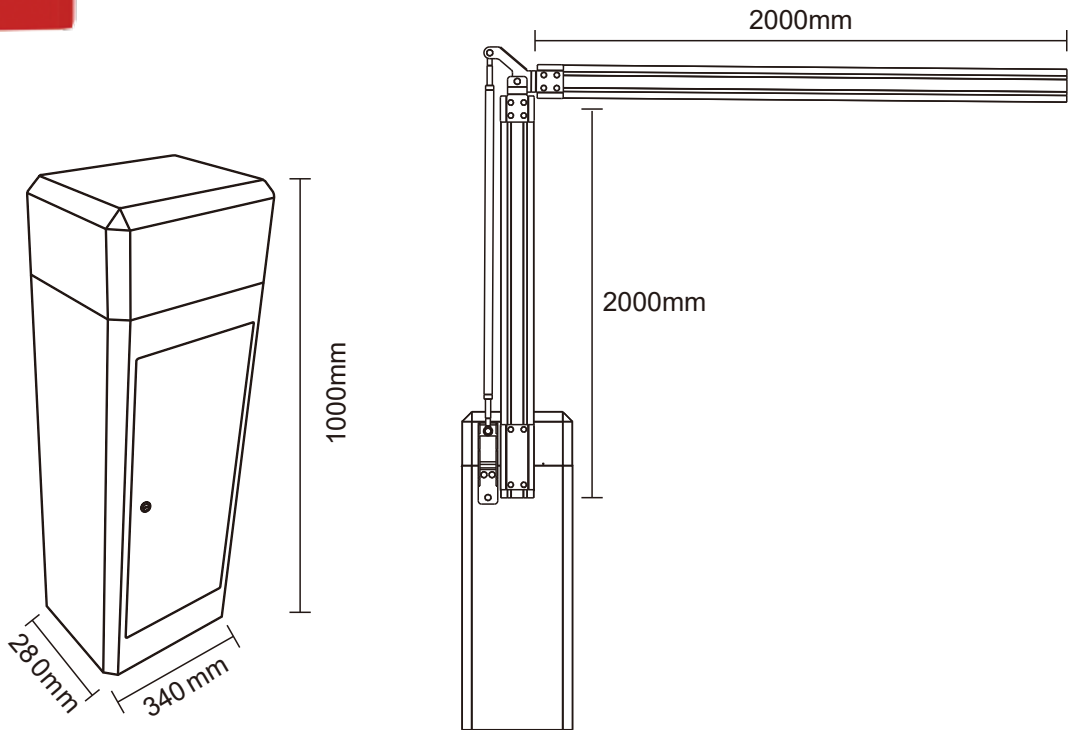


# Automatic Boom Barrier



**QBDZ-2203**

Power supply	220V/110V ±10%
Motor	220V/110V AC
Motor power	90W
Time of up/down	6s
Max. straight boom length	4M
Max. fence boom length	4M
Max. articulated boom length	4M
Control distance	≤50M
Work temperature	-20℃ ~ +55℃
Protection class	IP 44



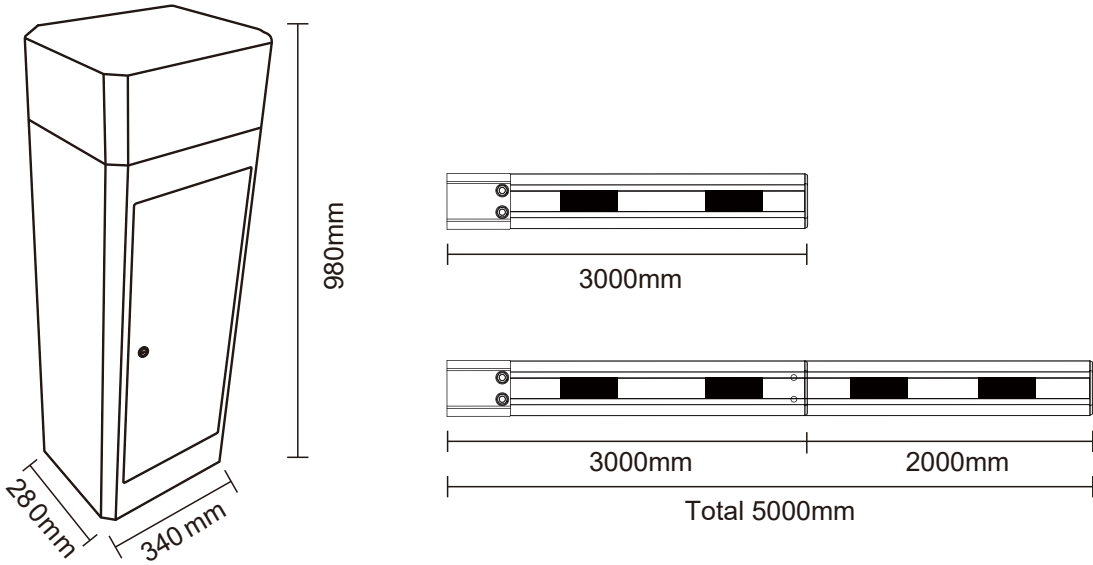
# Automatic Boom Barrier



**WHDZ-220V-Y**

Power supply	220V/110V ±10%
Motor	Motor with Inverter
Motor power	90W
Time of up/down	6s
Max. straight boom length	4.5M
Max. fence boom length	4.5M
Max. articulated boom length	4.5M
Control distance	≤50M
Work temperature	-20℃ ~ +55℃
Protection class	IP 44
WiFi & Bluetooth Control	Need to adopt smart control board

Springless Inverter







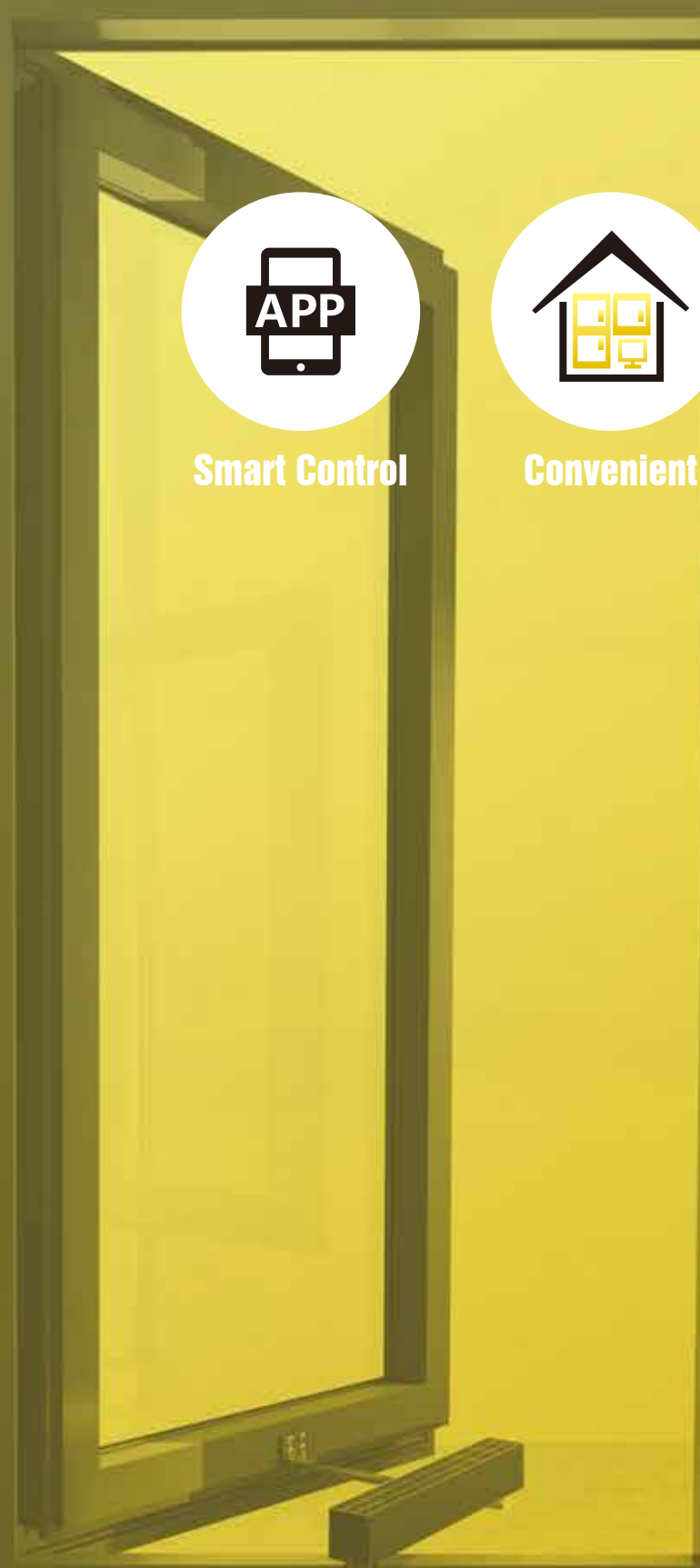
**Smart Control**



**Convenient**



**DIY Friendly**

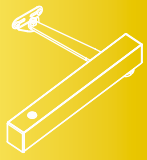


We offer a range of safe, low voltage electric window openers, includes slide window openers, folding arm electric actuators, linear actuators for rooflights and windows. Open and close your windows and skylights remotely without interrupting activities with window opener systems.



## WINDOW OPENER





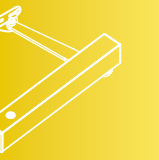
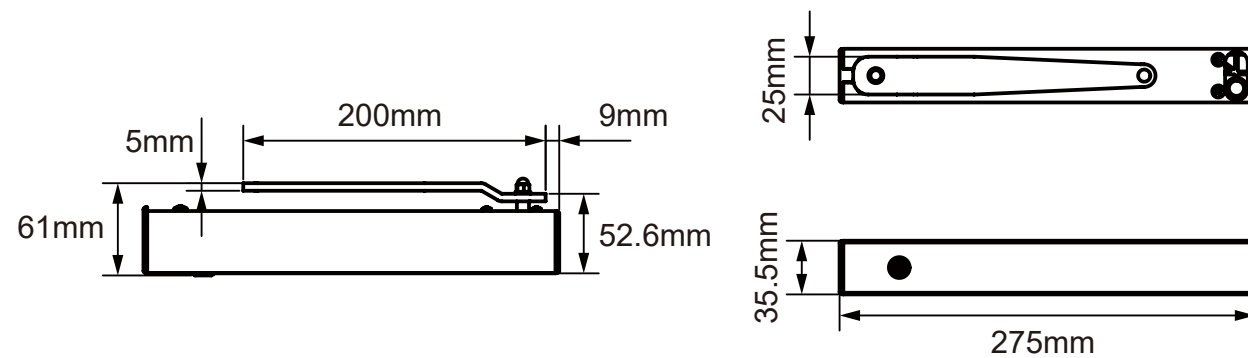
## Electric Window Opener



Wired Raindrop Sensor

### AW-07

Power supply	DC 6-9V (battery inside, offer solar panel for charging)
Motor	6V DC
Battery charger power	5V (Type-C connector)
Max. Load weight	30KGS
Control distance	≤50M
Work temperature	-20°C ~ +55°C
Protection class	IP 54



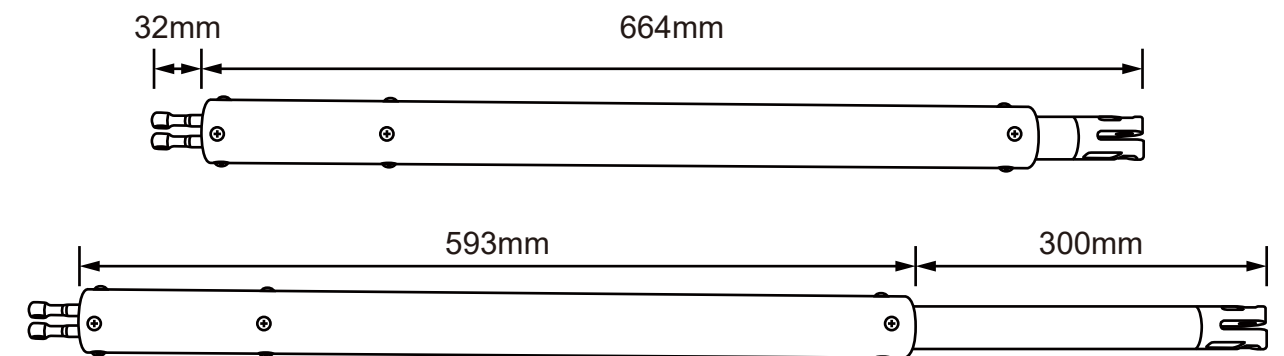
## Push-pull window opener



Window Opener Receiver

### PKM-C01C

Power supply	100V - 230V AC
Motor	12V DC
Stroke length	850mm
Min. installation dimension	1.3M
Max. Load weight	50KGS
Control distance	≤50M
Work temperature	-20°C ~ +55°C
Protection class	IP 54





**Light & Sturdy**



**Environmental  
Friendly**



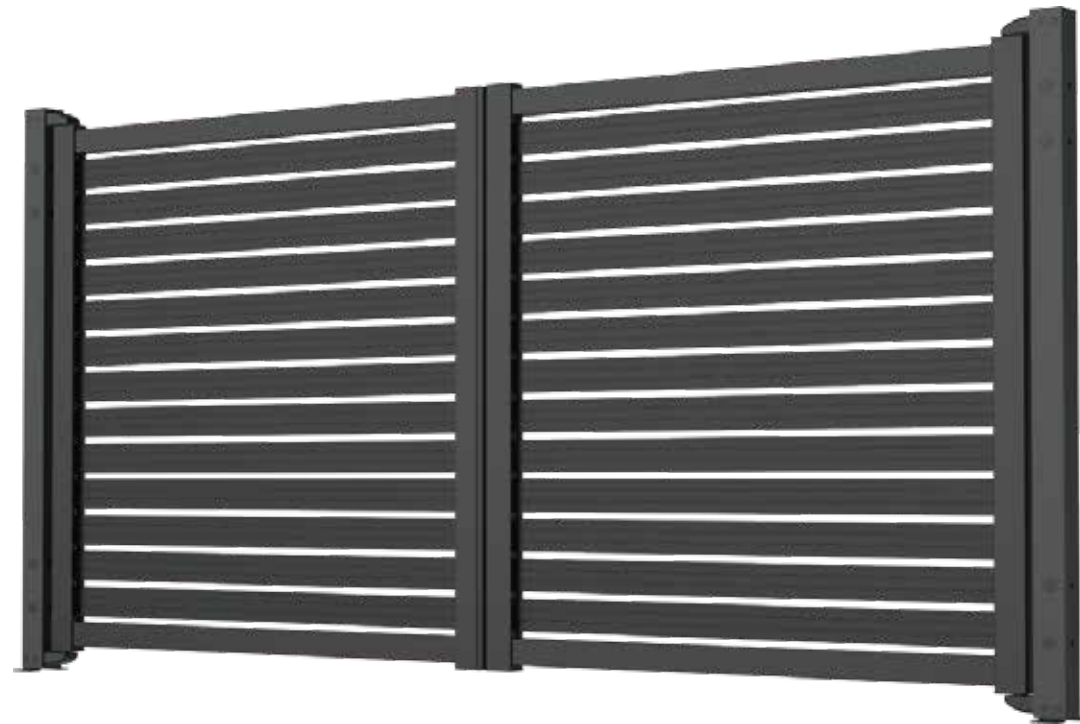
**DIY  
Friendly**

Giant's high quality gate hardware kits could be used to build telescopic gates, bi-folding swing gates, sectional turning sliding gate and traditional sliding gate. Whether it's for residential or commercial use, our gate hardware kits offer the durability and reliability required. From wheels and tracks to complete hardware kits, we provide a comprehensive selection to meet your security needs.

## DIY SELF-ASSEMBLY ALUMINUM GATES







2m 2m



1.6m

Customized Size



Screen Fence Gate



Privacy Fence Gate

Aluminum Series Gate



Dual Swing Gate



Single Swing Gate

Gate Type Optional



Swing Gate Automation System



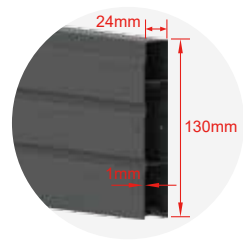
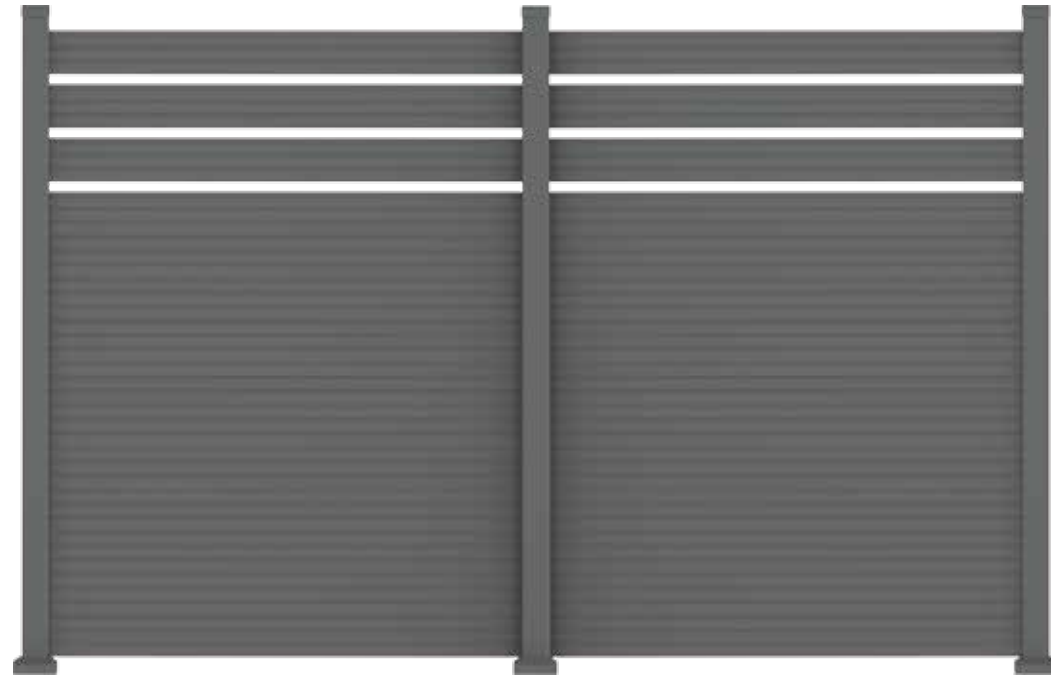
Sliding Gate Automation System

Gate Motorization





## DIY SELF-ASSEMBLY FENCE



Aluminum Panel



3 directions Post



Screen Fence / Privacy Fence



FACTORY



RESIDENCE



## DIY SELF-ASSEMBLY FENCE



WPC Panel



Aluminum Fence Post



Screen Fence / Privacy Fence



FARM



Parking Lot



**High Quantity**



**Corrosion  
Resistance**

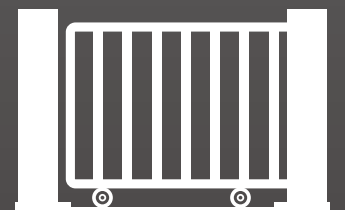


**DIY  
Friendly**



Giant's high quality gate hardware kits could be used to build telescopic gates, bi-folding swing gates, sectional turning sliding gate and traditional sliding gate. Whether it's for residential or commercial use, our gate hardware kits offer the durability and reliability required. From wheels and tracks to complete hardware kits, we provide a comprehensive selection to meet your security needs.

## GATE HARDWARE ACCESSORIES



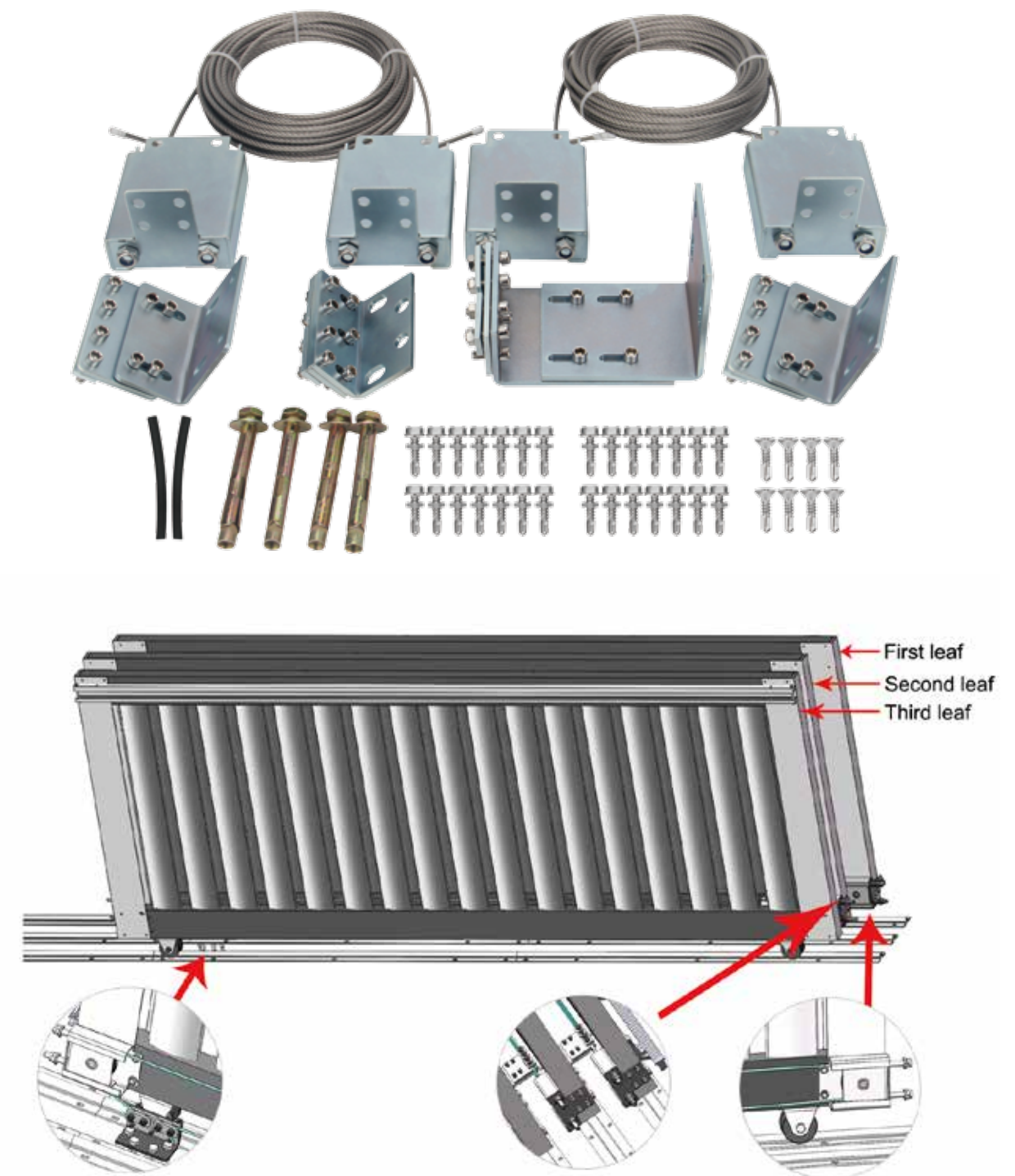
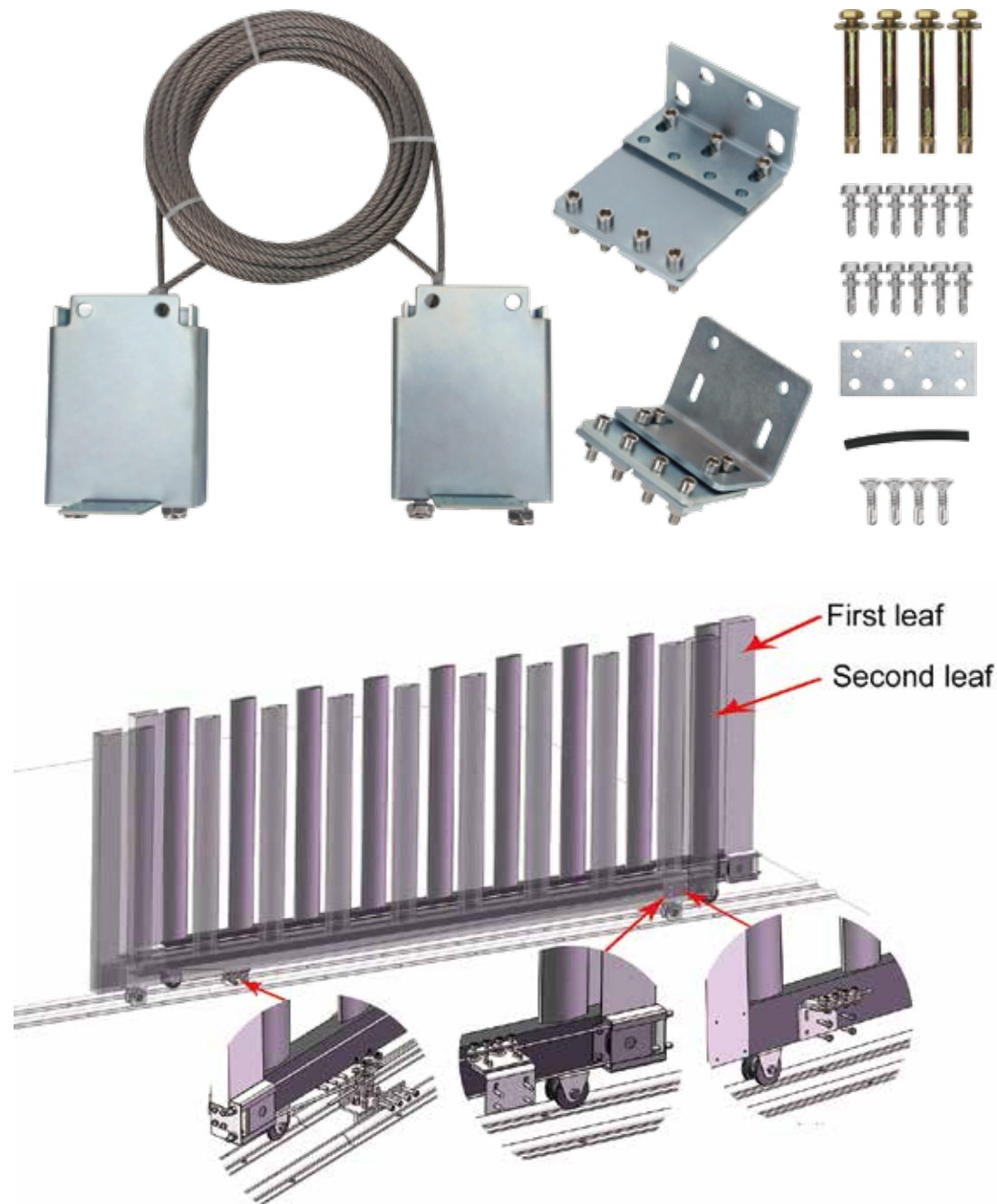


## TELESCOPIC SLIDING GATE HARDWARE KITS

## TELESCOPIC SLIDING GATE HARDWARE KITS

Twinned Telescopic hardware

Triple Telescopic Hardware



Space-saving The traditional sliding gate need enough room of completely clear back space for the gate leaf to slide into. The Telescopic Gates are used when there is no room for the traditional sliding or a swing gate or for architectural effect.





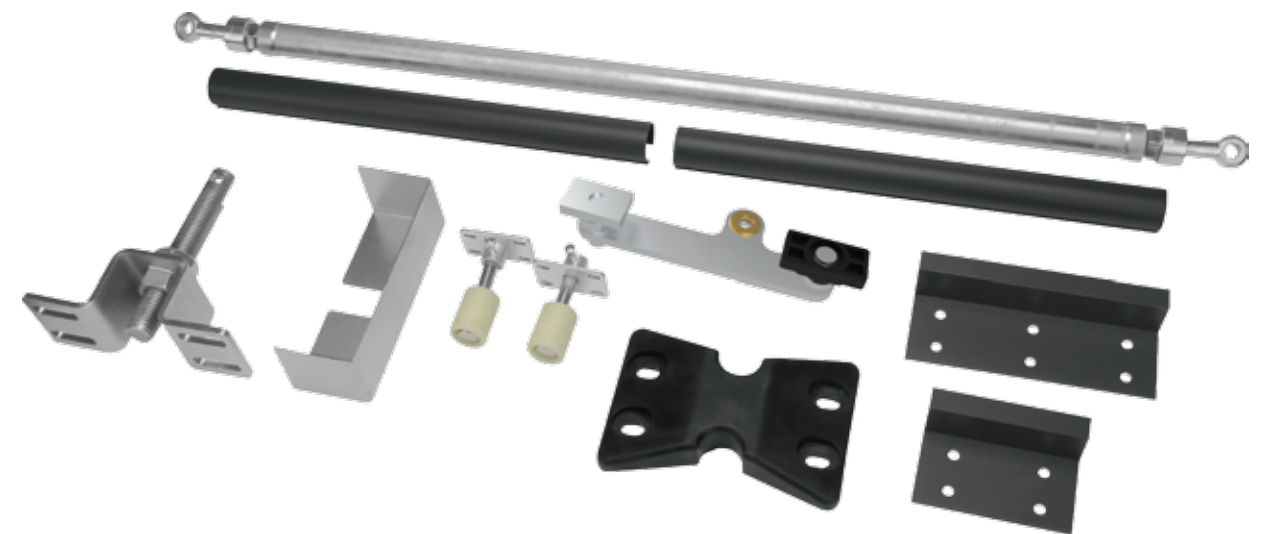
## TRACKLESS BI-FOLDING SWING GATE HARDWARE



A traditional type swing-gate use up-to 100% more back space in its opening and closing, if compared with bi-folding swing gates. Meaning that the normal space taken up by a conventional swing gate will be free to utilise in some other way.



## TRACKLESS BI-FOLDING SWING GATE HARDWARE

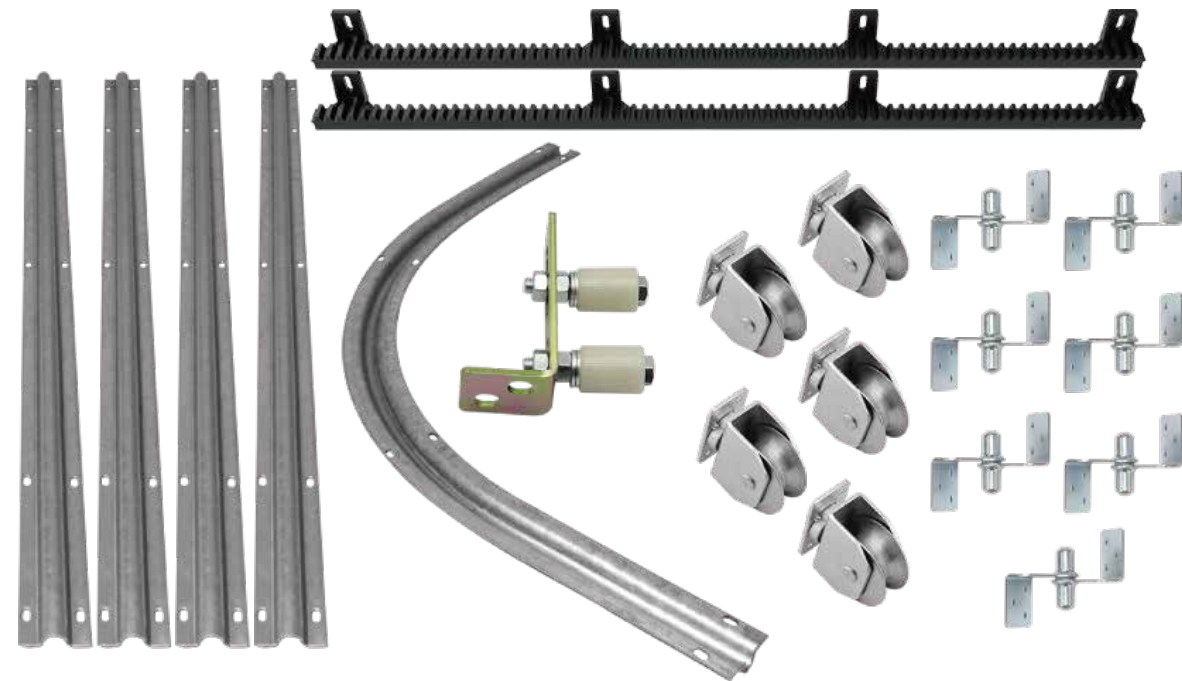


The bi-folding hardware is particularly useful in places where space is at a premium such as urban areas with high population density. The traditional swing gate will take up valuable space and can be quite inconvenient to use at times. Using the bi-folding system will free up more space for vehicles or foot traffic.





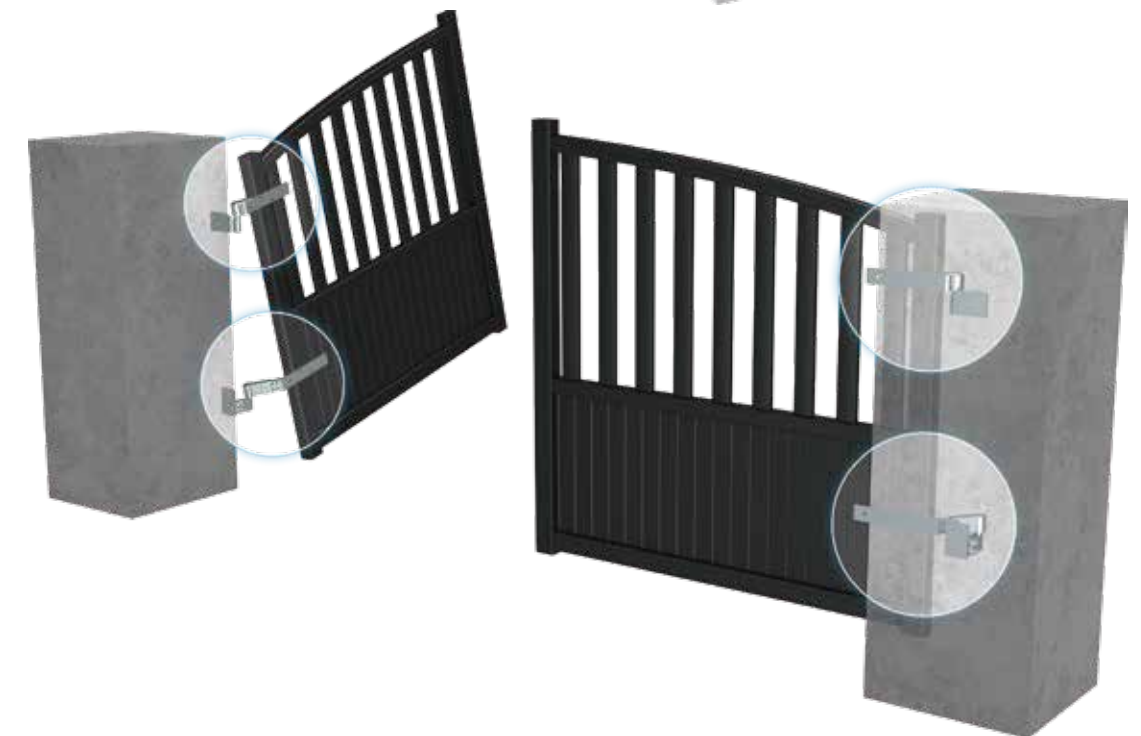
## CORNER SLIDING GATE HARDWARE KIT



## UPHILL SWING GATE RISING HINGE



Suitable For A Slope Break  
Terrain Easy Installation





## GEAR AND SPROCKET KIT



- Chain Drive Model
- Strong Durability
- Heat resistant
- Easy Installation



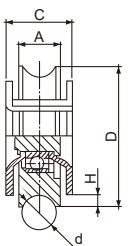
## SLIDING GATE HARDWARE KIT



Sliding Gate Wheel With Interior Bracket  
(Single Bearing, U Groove)

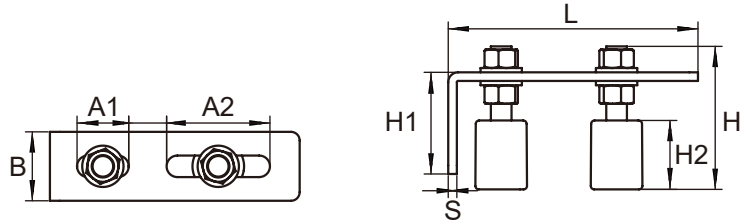


NO.	D MM	A	C	H	d	WEIGHT(g)
HD1U50×17	50	17	27	6.5	14.5	289
HD1U50	50	15	25	8.5	14.5	245
HD1U60	58	17	26	10	16.5	340
HD1U70	58	20	32	7	16.5	566
HD1U80	78	20	32	12	16.5	723
HD1U90	88	20	34	8	16.5	947
HD1U100	98	22	34	13	16.5	1251
HD1U80R10	78	24	32	12	20.5	693
HD1U90R10	88	25	34	23.5	20.5	1027
HD1U100R10	98	25	34	13	20.5	1200
HD1U120	118	22	36	12	16.5	2033
HD1U140	138	25	36	18	20.5	2853



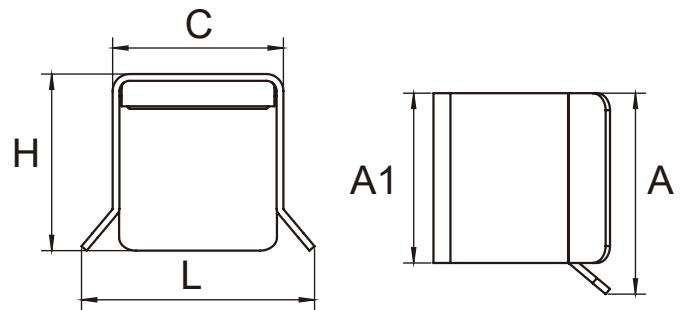


Guide Bracket With Nylon Roller



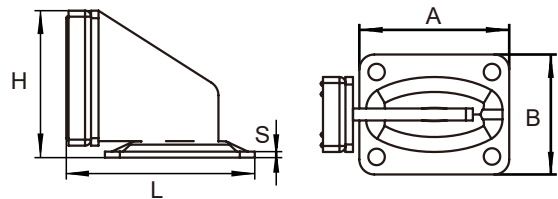
L mm	H	H1	H2	S	A1	A2	B	WEICHT(g)
145	83	59	40	5	30	60	40	510

End Stop (Without Top Part)



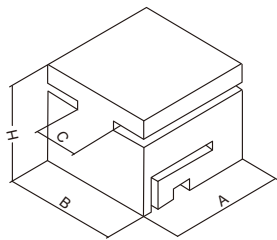
L mm	H	C	A	A1	WEICHT(g)
137.3	104	100.6	118	100	1170

Gate Stopper With Base Plate (Large Rubber)



L mm	H	S	A	B	WEICHT(g)
126	98	4	100	80	540

Plastic Block



NO.	A mm	B	C	H	WEICHT(g)
FK01A	76	74	28	62.5	302.5

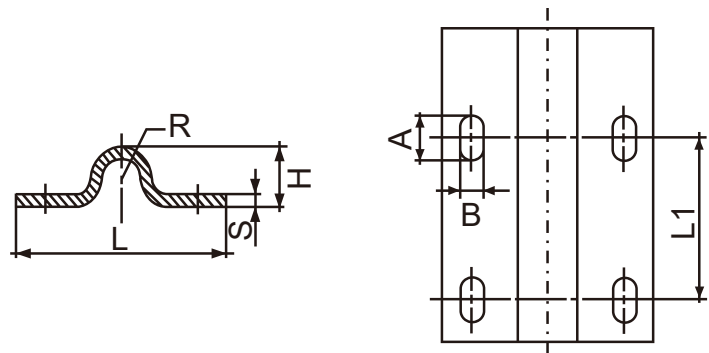
R8



R10



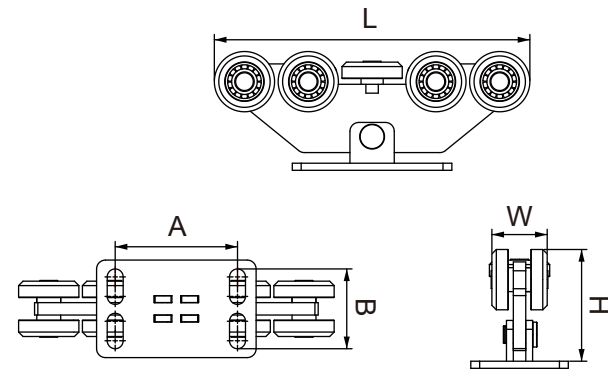
Sliding Gate Track (U Groove)



NO.	L mm	H	S	A×B	L1	R	WEICHT(g)
HGR8	55	15	3	11×6	300	8	1577
HGR10	55	15	3.5	11×6	300	10	1633



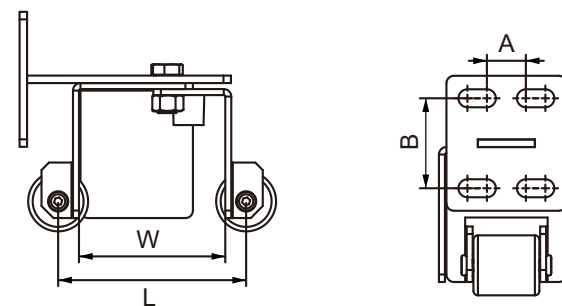
### Adjustable Cantilever Gate Carriage



L mm	A	B	W	H	WEIGHT(g)
356mm	138	90	62.4	126	7740



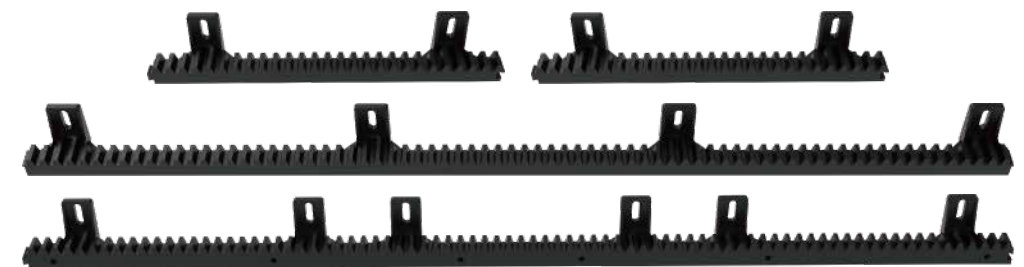
### Adjustable End Stop



Lmm	W	A	B	WEIGHT(g)
125.4	97.6	60	26	1745

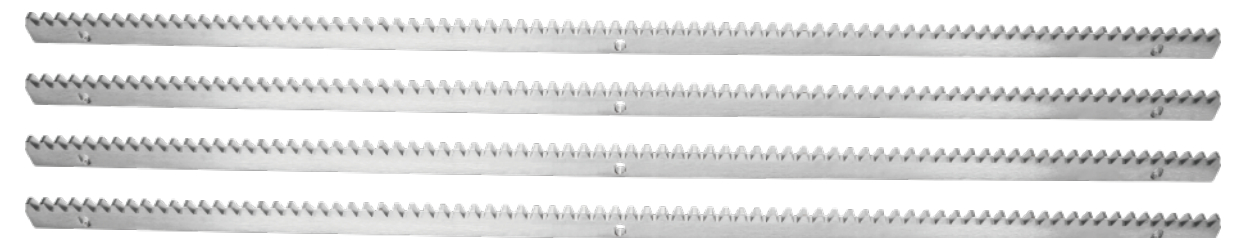
### Sliding Gate Nylon Gear Rack Special use for sliding gate opener

NO.	MOOD	LUGS	Hmm	L	WEIGHT(g)
CT03A	M4	2	26	340	299
CT03B	M4	4	26	1010	856
CT03C	M4	6	27	1020	1338



### Sliding Gate Steel Gear Rack Special use for sliding gate opener

Size	8×30×1005mm	10×30×1005mm	12×30×1005mm	22×22×1000mm
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**Remote  
Assistance**

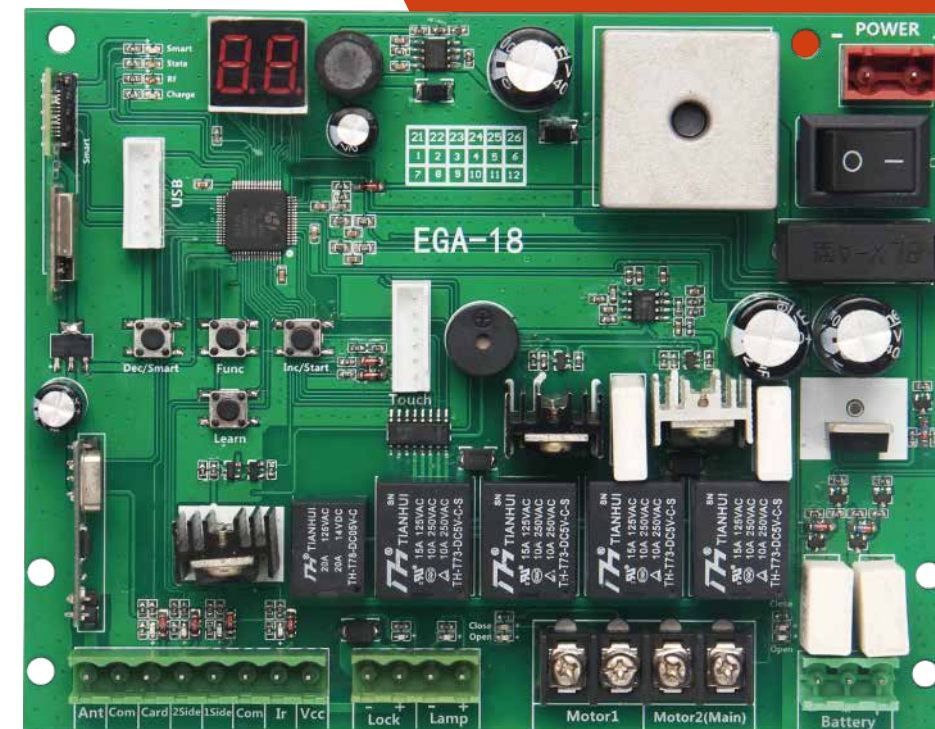
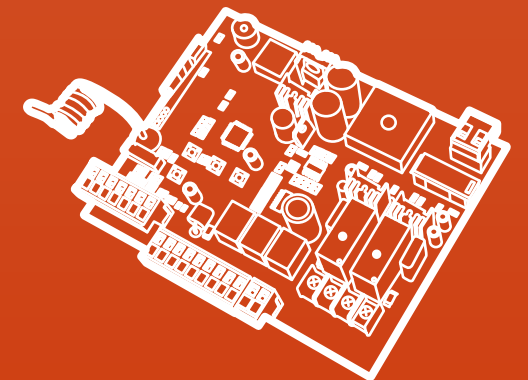


**Setting  
Parameters**



**WiFi & 2.4G  
Bluetooth**

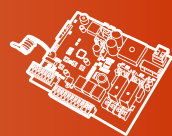
## SWING GATE CONTROL BOARD



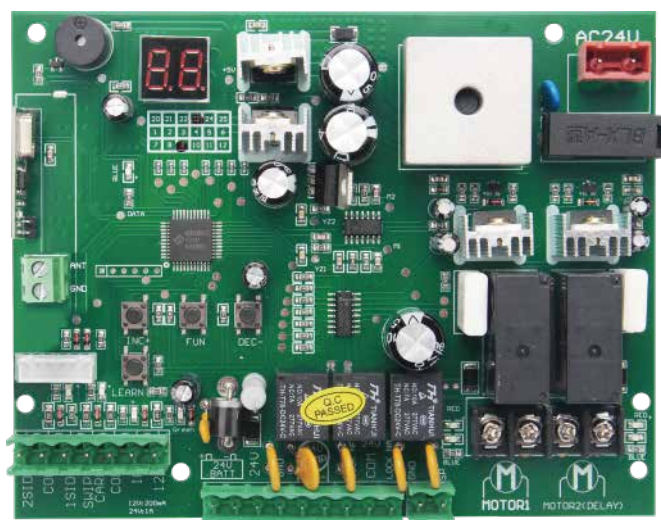
The control board is playing an important role in the gate automation system, which can achieve functions such as soft start, slow stop, auto-closing, anti-crash, etc.

It can be connected to accessories such as flash lamp, photocell sensors, card reader, loop detectors, etc. Satisfy the habits from different markets and users. We have launched the new smart control board with built-in WiFi and Bluetooth module, allowing users to conveniently and quickly control the gate opener. These control boards are designed to be durable and reliable, ensuring that your gate opener can continue to operate normally even after extensive use.



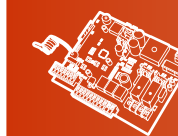


## Swing Gate Control Board

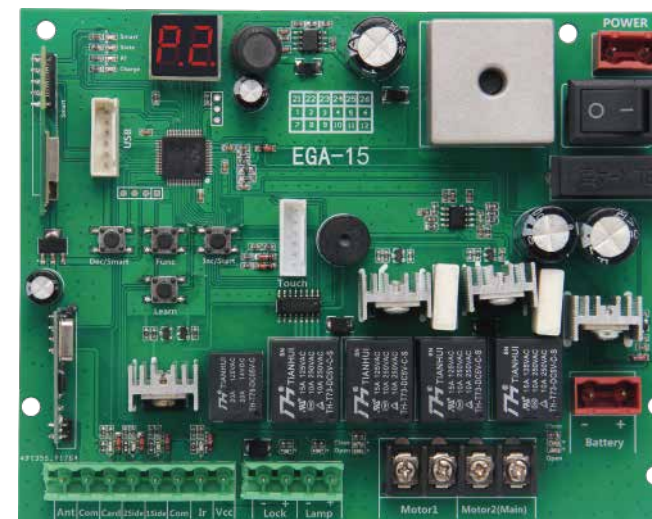


### EGA-10

Power Supply	AC 19.6-21.6V/DC 24V
Output Voltage	DC 24V
Frequency	433.92Mhz
Protection Fuse	6.3A
Auto-Close Gate Function	
Soft Stat & Soft Stop Function	
Memory Capacity	Support 120pcs rolling code remote control



## WiFi Swing Gate Control Board



### EGA-15

Power Supply	AC 19.6-21.6V/DC 24V
Output Voltage	DC 24V
Frequency	433.92Mhz
Soft Stat & Soft Stop Function	
Auto-Close Gate Function	
Setting Parameters by APP	
Memory Capacity	Support 120pcs rolling code remote control



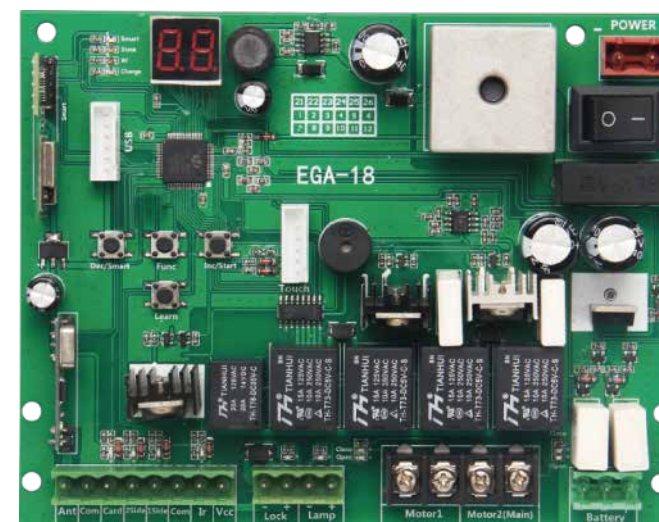
Remote assistance by engineer



Support binding with camera



Control board Built-In WiFi & 2.4G & Bluetooth Module



### EGA-18

Power Supply	AC 19.6-21.6V/DC 24V
Output Voltage	DC 24V
Frequency	433.92Mhz
Soft Stat & Soft Stop Function	
Auto-Close Gate Function	
Setting Parameters by APP	
Memory Capacity	Support 120pcs rolling code remote control



Remote assistance by engineer



Support binding with camera



Control board Built-In WiFi & 2.4G & Bluetooth Module



**Remote  
Assistance**

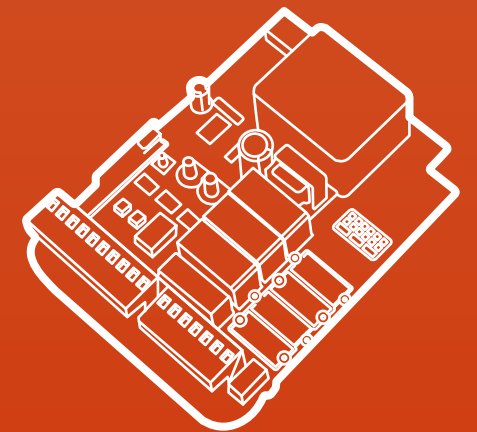


**Setting  
Parameters**



**WiFi & 2.4G  
Bluetooth**

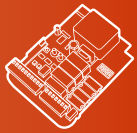
## SLIDING GATE CONTROL BOARD



The control board is playing an important role in the gate automation system, which can achieve functions such as soft start, slow stop, auto-closing, anti-crash, etc.

It can be connected to accessories such as flash lamp, photocell sensors, card reader, loop detectors, etc. Satisfy the habits from different markets and users. We have launched the new smart control board with built-in WiFi and Bluetooth module, allowing users to conveniently and quickly control the gate opener. These control boards are designed to be durable and reliable, ensuring that your gate opener can continue to operate normally even after extensive use.





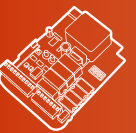
## Sliding Gate Control Board



### EGB-02

Power Supply	220VAC±10% / 110VAC±10% 50Hz/60Hz
Usage	For AC Sliding Gate Opener
Frequency	433.92Mhz
Pedestrian Mode Function	
Auto-Close Function	
Memory Capacity	Support 50pcs rolling code remote control

## WiFi Sliding Gate Control Board



### EGB-18

Power Supply	220VAC±10% / 110VAC±10% 50Hz/60Hz
Usage	For AC Sliding Gate Opener
Frequency	433.92Mhz
Soft Start & Slow Stop Function	
Setting Parameters by APP	
Auto-Close Function	
Switch Motor Direction by Menu	
Memory Capacity	Support 120pcs rolling code remote control



Remote assistance by engineer



Support binding with camera



Control board Built-In WiFi & 2.4G & Bluetooth Module

## WiFi Sliding Gate Control Board



### EGB-16

Power Supply	220VAC±10% / 110VAC±10% 50Hz/60Hz
Usage	For AC Sliding Gate Opener
Frequency	433.92Mhz
Soft Start & Slow Stop Function	
Pedestrian Mode Function	
Auto-Close Function	
Memory Capacity	Support 120pcs rolling code remote control



Remote assistance by engineer



Support binding with camera



Control board Built-In WiFi & 2.4G & Bluetooth Module



### EGB-19

Wokr Voltage	DC 24V
Usage	For DC Sliding Gate Opener
Frequency	433.92Mhz
Soft Start & Slow Stop Function	
Setting Parameters by APP	
Auto-Close Function	
Memory Capacity	Support 120pcs rolling code remote control



Remote assistance by engineer



Support binding with camera



Control board Built-In WiFi & 2.4G & Bluetooth Module





**Smart  
Control**

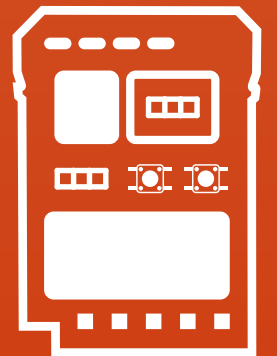


**Diversified  
Scenarios**



**DIY  
Friendly**

## ROLLER SHUTTER CONTROL BOARD



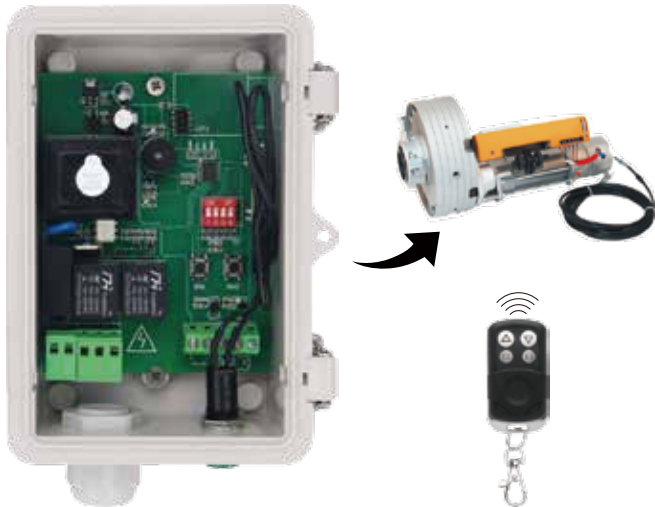
The control board is playing an important role in the gate automation system, which can achieve functions such as soft start, slow stop, auto-closing, anti-crash, etc.

It can be connected to accessories such as flash lamp, photocell sensors, card reader, loop detectors, etc. Satisfy the habits from different markets and users. We have launched the new smart control board with built-in WiFi and Bluetooth module, allowing users to conveniently and quickly control the gate opener. These control boards are designed to be durable and reliable, ensuring that your gate opener can continue to operate normally even after extensive use.



# Roller Shutter Control Board

## EGD-04



Power Supply	AC 220V
Static current	15mA ± 2mA
Power consumption	≤1W
Rated Load	2000W
Frequency	433.92Mhz
Support connect extra accessories	Such as Photocell, Flashing lamp
Scope of application	Central motor
Remote control code	rolling code, up to 20pcs remote controls.



# Roller Shutter Control Board

## EGD-01



Power Supply	AC 220V
Static current	15mA ± 2mA
Power consumption	≤0.8W
Rated Load	2000W
Frequency	433.92Mhz
External buttons on the case	UP & STOP & DOWN
Support connect extra accessories	Such as Photocell, Flashing lamp
Scope of application	Central motor
Remote control code	rolling code, up to 20pcs remote controls



## EGD-02

Power Supply	AC220V/50HZ
Loading Capacity	2000W, AC240V
Frequency	433.92 Mhz
Memory Capacity	100PCS rolling code remote control
Working Temperature	-20°C to +60°C
Sensitivity	Greater than-100dBm
Reception Range	100m
Programming the Radio codes	Self-learning



**Multi-Channels**



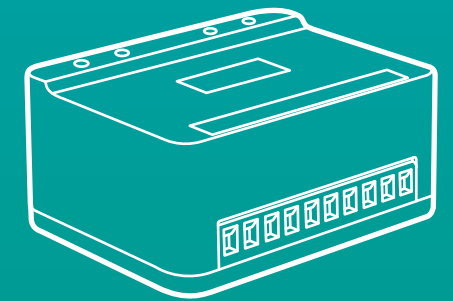
**Diversified  
Scenarios**



**DIY  
Friendly**

An universal receiver is a device that connected to a gate automation system through wires. It receives signal from a remote control or other activating device to trigger the control board of the gate automation system.

## UNIVERSAL RECEIVER







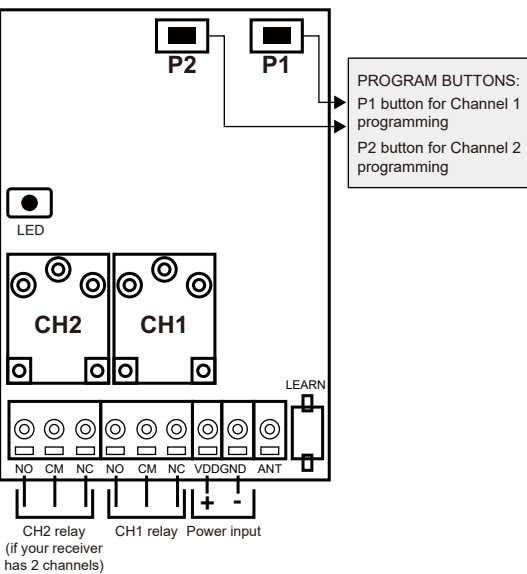
## Universal Receiver



JJ-JS-091-B1



JJ-JS-091-B2



Encode	Fixed code and rolling code
Frequency	433.92Mhz / 315Mhz / Customized
Channel	2-CH (1CH optional)
Voltage	12-24V AC/DC
Usage	Indoor receiver
Learn button	learning button outside
Working Range	60-100m in an open area
Memory Capacity	200 pcs buttons codes
Output Mode	5 work mode
Application	Used for Automatic gate, Garage gate, light system, etc.
Dimensions(L×W×H)	60×42×28mm

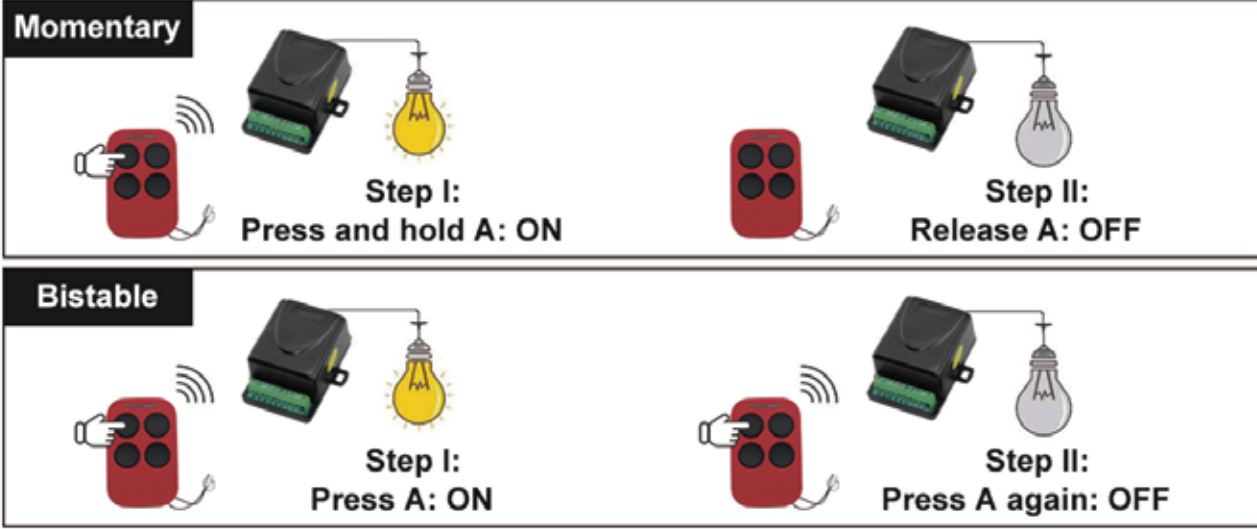


## Universal Receiver

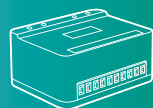


JJ-JS-091

Encode	Fixed code and rolling code
Frequency	433.92Mhz / 315Mhz / Customized
Channel	2-CH (1CH optional)
Voltage	12-24V AC/DC
Usage	Indoor receiver
Working Range	60-100m in an open area
Memory Capacity	200 pcs buttons codes
Output Mode	Momentary & Bistable mode
Application	Universal receiver for Automatic gate, Garage gate, light system, etc.
Output Mode	Momentary & Bistable mode







## Universal Receiver



**JJ-JS-091-1**

Encode	Fixed code and rolling code
Frequency	433.92Mhz / 315Mhz / Customized
Channel	2-CH (1CH optional)
Voltage	12-24V AC/DC
Usage	Outdoor receiver
Working Range	60-100m in an open area
Memory Capacity	200 pcs buttons codes
Output Mode	Momentary & Bistable mode
Application	Universal receiver for Automatic gate, Garage gate, light system, etc

The main usage of the rf receiver is for control board. For example, your control board can only link to 20 remotes, buy it and connect it to control board, then the capacity of your gate opener is now enlarged to be 200 remotes.

Or, your control board can only accessed by rolling code remote, buy it and connect it to control board, then you can control your gate both by fixed code and rolling code. (If you bought fixed code, you can also buy our duplicator to duplicate the code for your family members.)

**Biggest load current on relay:**  
2A 24 VDC or 2A 120 VAC

### PROGRAMMING:

Press the **P1**:

- 1 time to program **CH1** in monostable mode
  - 2 times to program **CH2** in monostable mode
  - 3 times to program **CH1** in bistable mode
  - 4 times to program **CH2** in bistable mode
- hold down the key of the radio remote control that you would like to acquire until the led blinks.

### ERASING:

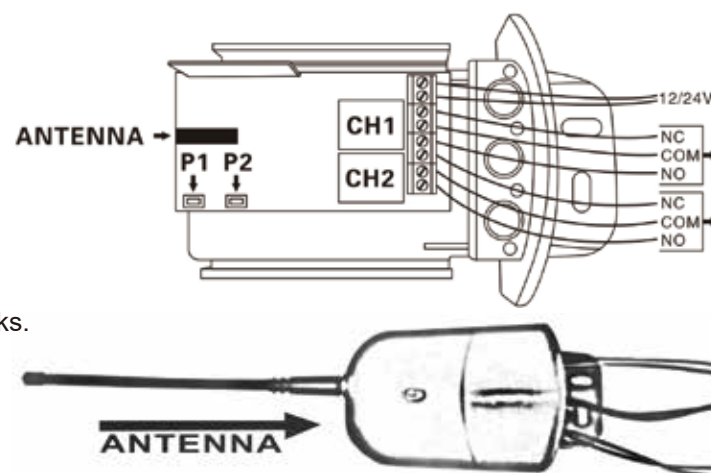
There are two ways of earsing

#### 1.Erasing a single code:

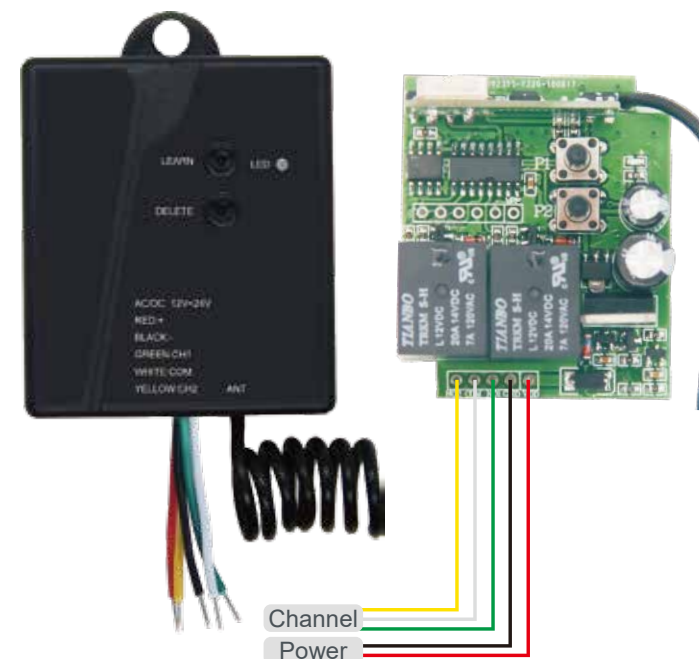
Press **P2** for about two seconds(release the key);the LED will light up, press the key on the radio remote control that you want to delete.

#### 2.Erasing all codes acquired:

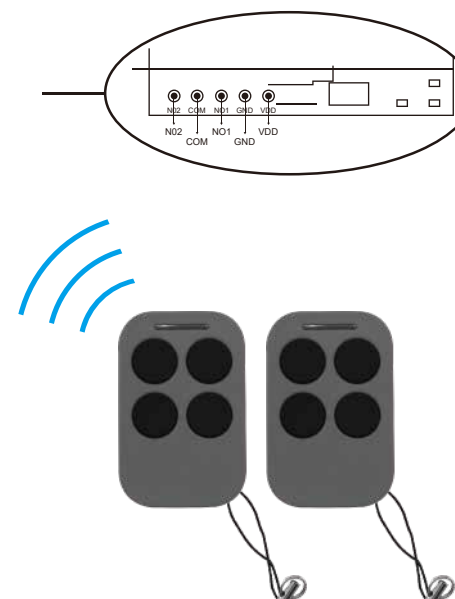
Press P2 until the LED turns on (about 8 seconds).



## Universal Receiver



**JJ-JS-092**



Model	JS-092
Working voltage	12-24V AC/DC
Latch/non-latch switchable	Switchable
Channel	2chs
Certificate	CE/ROHS
Output Mode Dry contact	Dry contact
Connection	Terminal block
Code stored	200pcs max
Extra function	Open code

Mode	JS-092G
Working voltage	12-24V AC/DC
Latch/non-latch switchable	Switchable
Channel	2chs
Certificate	CE/ROHS
Output Mode Dry contact	Dry contact
Connection	Terminal block
Code stored	250pcs max
Extra function	Rolling code



## Universal Receiver



**JJ-JS-SM18**

<b>Encode</b>	Fixed code and rolling code
<b>Frequency</b>	433.92Mhz / 315Mhz / Customized
<b>Channel</b>	3-CH (1-2CH optional)
<b>Voltage</b>	12-24V AC/DC
<b>Usage</b>	Different learned buttons for different work mode
<b>Working Range</b>	60-100m in an open area
<b>Memory Capacity</b>	200 pcs buttons codes
<b>Output Mode</b>	Momentary & Bistable mode
<b>Application</b>	Universal receiver for Automatic gate, Garage gate, light system, etc
<b>Dimensions(L×W×H)</b>	60×40×30mm



**JJ-JS-189**

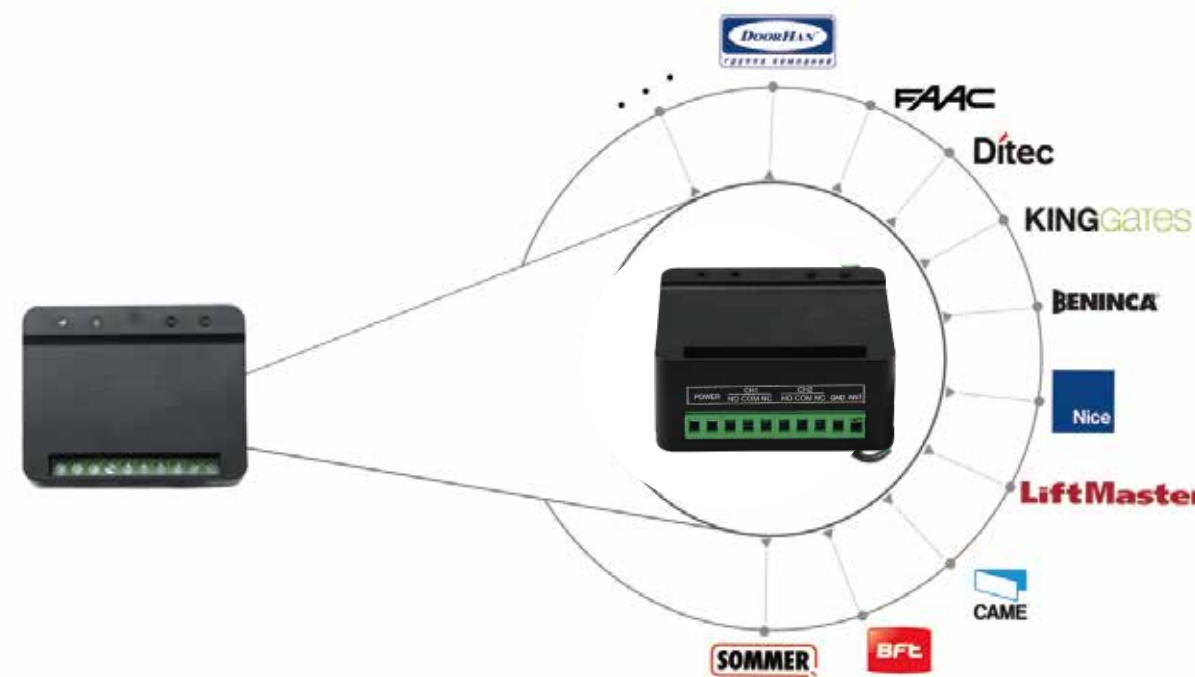
<b>Encode</b>	Fixed code and rolling code
<b>Frequency</b>	433.92Mhz / 315Mhz / Customized
<b>Channel</b>	2-CH (1 CH optional)
<b>Voltage</b>	220V AC
<b>Usage</b>	Outdoor receiver
<b>Working Range</b>	60-100m in an open area
<b>Memory Capacity</b>	200 pcs buttons codes
<b>Output Mode</b>	Momentary & Bistable mode
<b>Application</b>	Universal receiver for Automatic gate, Garage gate, light system, etc
<b>Dimensions(L×W×H)</b>	110×85×51mm
<b>Waterproof</b>	Yes, IP65

## Multi-brand Receiver



**JJ-JS-SM18-DP**

<b>Encode</b>	Fixed code and rolling code
<b>Frequency</b>	300-868Mhz
<b>Channel</b>	3-CH (1-2CH optional)
<b>Voltage</b>	12-24V AC/DC
<b>Usage</b>	Compatible with different brands in the market
<b>Working Range</b>	60-100m in an open area
<b>Memory Capacity</b>	200 pcs buttons codes
<b>Output Mode</b>	Momentary & Bistable mode
<b>Application</b>	Universal receiver for Automatic gate, Garage gate, light system, etc
<b>Dimensions(L×W×H)</b>	60×40×30mm





Receiver



JJ-JS-086

Encode	EV1527 or HCS301
Frequency	433.92Mhz
Channel	4-CH (1-3CH optional)
Voltage	12-24V AC/DC
Usage	Different learned buttons for different work mode
Working Range	60-100m in an open area
Output Mode	Momentary & Bistable mode
Memory Capacity	up to 30pcs EV1527 remote control or 20 pcs HCS301 remote control
Application	Universal receiver for Automatic gate, Garage gate, light system, etc
Dimensions(L×W×H)	90×60×28mm



Receiver



JJ-JS-081

Encode	EV1527 or HCS301 or PT2240
Frequency	433.92Mhz
Channel	4-CH (1-3CH optional)
Voltage	12-24V AC/DC
Usage	Different learned buttons for different work mode
Working Range	60-100m in an open area
Output Mode	Momentary & Bistable mode
Memory Capacity	up to 30pcs EV1527 remote control or 20 pcs HCS301 remote control
Application	Universal receiver for Automatic gate, Garage gate, light system, etc
Dimensions(L×W×H)	65×30×50mm



JJ-JS-06

Encode	SC2260 or SC2262
Frequency	433.92Mhz
Channel	4-CH (1-3CH optional)
Voltage	12-24V AC/DC
Usage	Wired without terminal block, easy to connect
Working Range	60-100m in an open area
Output Mode	Momentary & Bistable mode depend on the Chip type
Learning	Code: Dip switch
Application	Universal receiver for Automatic gate, Garage gate, light system, etc.





**Smart  
Control**



**Diversified  
Scenarios**



**DIY  
Friendly**



The XHOUSE IOT APP is designed for smart devices to connect to the Internet or Bluetooth, allowing you to control and monitor the security your house anytime and anywhere through the smart phones. These smart devices typically use technologies such as WiFi, Bluetooth, or SIM cards to communicate with your gate and house, providing a convenient and secure way to control access to your property, and can be a great complement to any residential or commercial gate system to bring you a new smart life.

## SMART CONTROL SYSTEM







## WiFi&Bluetooth Receiver



With gate sensor (optional)

### XH-SGC01

Working Voltage	12-24V DC/AC
Working Current	70-110mA (at DC12 volts)
Channel	1 Channel
WiFi	2.4G IEEE 802.11 b/g/n
Application	App & Voice control



WiFi receiver is compatible with different gate openers. Easy installation and operation. If the extra sensor added, then user can know the real time status of the gate.



## WIFI&RF Receiver



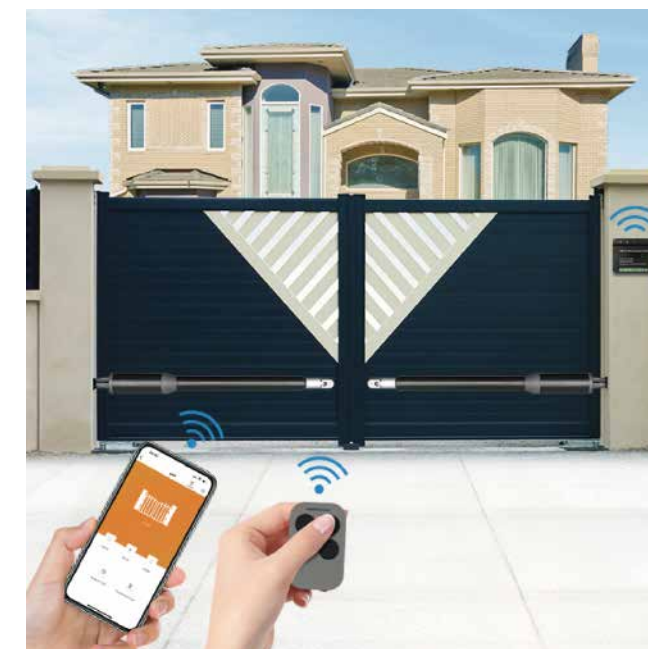
### XH-SM18-03W



Working Voltage	12-24V DC/AC
Working Current	40-200mA (at DC12 volts)
Channel	3-CH (1CH 2CH optional)
RF Encode	Fixed code and rolling code
RF Frequency	433.92Mhz
Memory Capacity	200 codes
RF Range	80-100m in unobstructed area
WiFi	2.4G IEEE 802.11 b/g/n
Application	App & Voice control



WiFi controller is with built-in WiFi module and RF module. Users can control the device by remote control or XHOUSE IOT APP from smart phone.





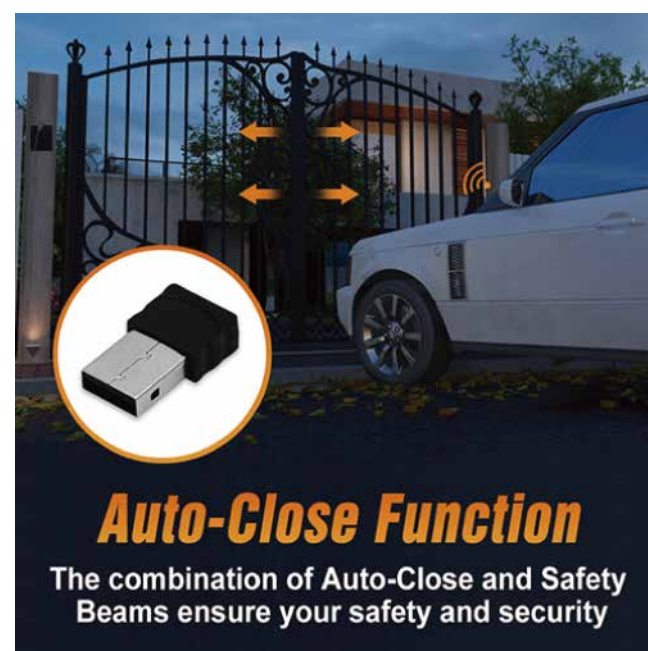
## Bluetooth Receiver & USB Transmitter



### JS-092-A2L

Working Voltage	12-24V AC/DC
Channel	2 channels
Memory Capacity	340 PCS
Working Distance	3-5 meter(open Space)
Suitable For	Support Bluetooth

JS-092-A2L is known as the hands free opening device. This receiver and USB dongle set can be used for different kinds of gate automation systems. One receiver can match with multiple USB dongles, the receiver installed on the gate automation systems, and the USB dongles plug inside your car. Once the car with USB dongle drives close, the gate will be triggered to open automatically.



## Smart Bluetooth & RF Receiver Manger



### XH-SM18-BLE

Working Voltage	10-50V AC/DC
Working Current	35±5mA
Channel	3 channels
Bluetooth Control Distance	30m in a open area
2.4G USB Control Distance	5m in car
RF Control Distance	80-100m in an open area
RF Frequency	433.92Mhz
Memory Capacity	340 pcs Card and RF Remote Control

XH-SM18-BLE is a hands free opening gate device, with the Bluetooth technology helping, the user can use the APP to match 340pcs USB card and rf remote control, apply in different kinds of automation gate opener systems. And the user also can delete the USB and remote from the APP. With it helping, the families members can control the gate opener by smartphone, rf remote control, and they can plug the USB into their car and drives close, the gate will be triggered to open automatically.





## WIFI & Bluetooth & RF Remote Control

### XH-SM05W



Frequency	433.92Mhz
Working Voltage	Micro USB 5V
Code	Rolling Code, Fixed Code, Learning Code
Working Current	30-80mA
WiFi	2.4G IEEE 802.11 b/g/n
Range	80-100m
Application	Automatic gate system

## WiFi Smart Camera



### Smart Camera



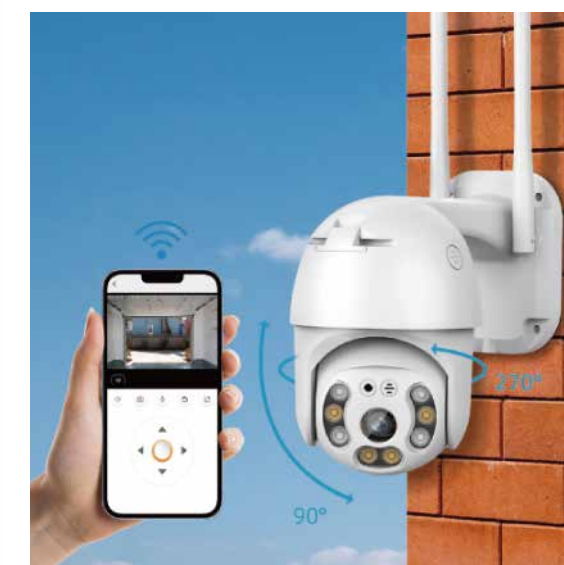
Power supply	DC 12V 1.5A
Wireless network	2.4G WIFI (IEEE802.11b/g/n)
Lighting frequency	50Hz, 60Hz
Working temperature	-10°C~+50°C
Support IP address	static IP address, dynamic IP address Video storage method: Micro SD card, local storage



Copy



This camera supports smart device binding for viewing. Users can use the APP to add cameras, monitor gate control through the mobile phones, and use the smart devices to control electric gate, garage gate, etc.







**Security**

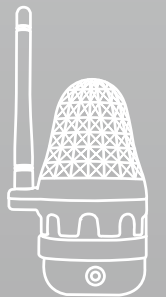


**Convenient**



**DIY Friendly**

## GATE AUTOMATION ACCESSORIES



Giant's gate automation accessories and hands-free devices significantly enhance the safety and convenience of users daily life. Such as photocells, flashing lamps, wireless keypads, loop detectors, etc. are playing a crucial role in keeping user safe while extending the operational lifespan of gate automation systems. These all bring the users a safer, more secure and convenient experience.





# Photocell

# Photocell



## Solar Powered Photocell HW-09

### Transmitter

Working voltage	DC 3.2V
Working current	Transmitter: ≤ 200uA
Operating distance	12m
Operating temperature	-20℃ ~ +70℃
Adjust Angle	220°
Protection class	IP45

On/activate and off/inactivate could be set through jumper on transmitter

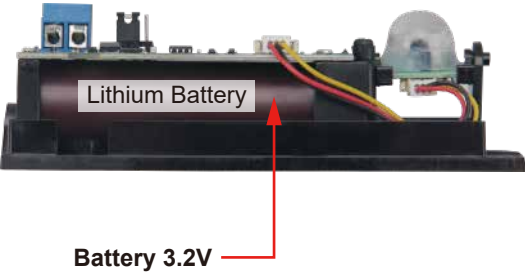
### Receiver

Working voltage	AC/DC 12-24V
Working current	Transmitter: ≤ 10mA
Standby current	≤ 60mA
Operating temperature	-20℃ ~ +70℃
Protection class	IP45

N.C. or N.O. mode could be set through Jumper on receiver.

### Solar panel

Solar cell	monocrystalline silicon
Overall dimensions	60×60×2.5mm
Working voltage	DC 3.2V
Working current	90mA



## HW-08

Working Voltage	12-24V (AC/DC)
Working current	Receiver≤50mA Emitter: ≤30mA
Receiver range	12m
Horiz. Adjustment	180°
Size	108×35×40mm



## HW-07

Working Voltage	12-24V (AC/DC)
Working current	Receiver≤50mA Emitter: ≤30mA
Receiver range	12m
Size	96×43.5×43.5mm



## HW-10

Work Voltage	12V
Sensing Distance	≤8M
Consumption Current	≤35mA
Protection Class	IP67
Product Size	85×28.5×30.6mm
Cable Length	200cm



## Photocell

### Diffuse Reflectance Infrared HW-11



Working Voltage	12-24V (AC/DC)
Sensing Distance	≤8M
Consumption Current	≤30mA
Protection Class	IP67
Size	100×69×36mm
Temperature Influence	Temperature range -30~65°C, at +23°C, ±15% detection distance Temperature range -25~60°C, at +23°C, ±10% detection distance



### Mirror Reflector Bean Sensor

Operating Distance	≤12M
Consumption current	< 30mA
Warranty	12 Months
Power supply	AC/DC 12-24V
Working temperature	-20°C ~ +60°C

Protection Grade	IP65
Usage	Automatic gate opener, Position Sensor
Output	Analog Sensor, Switching Transducer
Installation method	Correlation, Diffuse Reflection, Mirror Reflection

## Flash Lamp



### JJ-JD08

Protection class	IP 44
Frequency	1Hz
Voltage	12V-265V AC/DC
Function	For swing and sliding gate opener barrier motor etc



### JJ-JD02

Protection class	IP 44
Frequency	1Hz
Voltage	12V-265V AC/DC
Function	For swing and sliding gate opener barrier motor etc



### JJ-JD06

Protection class	IP 54
Frequency	1Hz
Voltage	12V-265V AC/DC
Antenna	Enhance the control distance between the remote control and the control board
Function	For swing and sliding gate opener barrier motor etc





## Electric Lock



### Electric Lock DS-02

Application	Used for Swing gate
Working voltage	12-24V DC
Working temperature	-10 to 55 Celsius degree
Humidity	0 to 95%
Working mode	power-off to lock

#### Applications:

Electric lock improves the safety of your gate, and it is highly recommended if you have pets or live in areas affected by strong winds when the gate is longer than 1.5 meters (7 ft), It can work with a swing gate opener to enforce the lock, especially for heavy windy days.

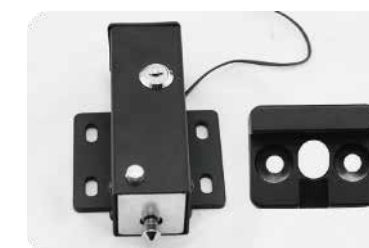


## Electric Lock



### Electric lock DCS-01

Operating voltage	DC24V
Operating Current	1.78A
Pulse to open lock	3 sec
Working theory	Pulse to open
Bolt pin dimeter	16mm
Working temperature	-35°C ~ +80°C



### Magnetic Lock DCS-280

Working voltage	12-24V (AC/DC)
Voltage	DC 12V
Current	380-430mA
Working temperature	-10 to 55 Celsius degree
Humidity	0 to 95%
Working mode	power-on to lock







## Driveway Gate Vehicle Exit Wand Sensor.



### Exit Wand JS-DG

Working voltage	12-24VDC
Cable length	50 feet
Type	Car Sensor
Application	Sliding/Swing Gate, Barrier Etc.
Working range	Φ2-6 ft



### Loop Detector JJ-DG-01

Power Supply	AC220V/DC24V
Power Consumption	30W maximum
Output Relay	12V/3AAC
Working Temperature	-20°C ~ +70°C
Loop Inductance Range	50μH ~ 800μH (ideal 100~300μH100μH)
Work Frequency	20kHz ~ 130kHz
Sensitivity	4 levels aadjustable
Self-Calibrating	1s ~ 2s

#### Applications:

Automatically open your gate when the exit sensor detects vehicles in motion. It triggers your gate opener to open the gate anytime the vehicles drive through the sensor's magnetic field of 2 to 6ft. Perfect for your family and friends to go out without a remote or keypad, and enjoy wireless "Hands-Free" exit of your property. It detects vehicles (cars, trucks, motorcycles, ATVs, etc.), and the larger car or the one with a faster driving speed will bring a higher sensitivity.



## Safety Edges



### Safety Edges JJ-SS-02

#### Safety edge and transmitter

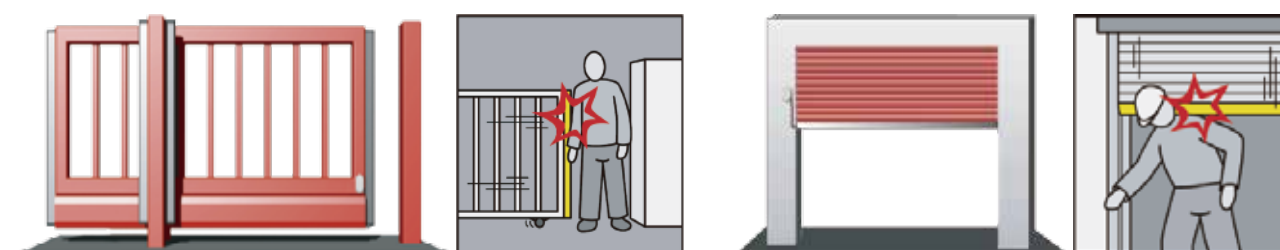
Model	JJ-SS-02-TX
Input power	3V ( Battey AAA x 2)
Static current	35uA±3uA(press the edge) 2uA±1uA(release the edge)
Work current	<10mA



#### Controller

Model	JJ-SS-02-RX
Input power	12-24V AC/DC
Static current	<15mA
Work current	55mA±5Ma

#### Applications:



The safety edge system can be installed in the automatic gate openers electric window openers, etc moving parts, could prevent the dangers of moving parts, make the whole system stop or stop and rebound to open when it detected a person or object touching it. The elastic material absorbs the impact characteristics and reduces the collision between people and objects.



## Lora Tech Receiver and Transmitter



### JJ-HPRC-14

Frequency	490MHz
Work current	< 60mA
Distance	4 Buttons
Control distance	1000m test with JS-SM18-LORA



### SM18-LORA

Work voltage	12-24V DC/AC
Support	1CH 2CH 3CH
Work current	10-165mA
Control distance	1000m in an open area
Memory Capacity	100 codes Open code

#### Feature:

1. This long range receiver paired with the long range remote has been known to get up to 1km (dependent on area and line of sight to the gate).
2. Wireless 2 way communication, remote control will indicate when the receiver is triggering.



## Wall-Mounted Wireless Keypad



### JJ-TKM-03

Power supply	3-5V (1pc 18650 lithium battery)
CH	2 Channels
Capacity	640pcs password and IC card
Feature	Wireless and waterproof
Usage	For Automatic gate Control
Frequency	433.92MHz
Application	use for garage gate/automation gate. Can copy fixed code remote



#### Waterproof & Peep-proof



#### LED Background Light



#### Support Add/Delete IC card or Remote Control

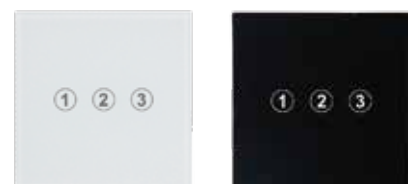


## Wireless Keypad

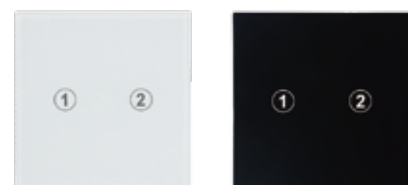


### JJ-TKM-01

Power supply	4*AA SIZE (6V)
CH	2 Channels
Feature	Wireless and waterproof
Usage	For Automatic gate Control
Frequency	433Mhz/315Mhz (Customized)
Color	Black
Application	use for garage gate/automation gate. Can copy fixed code remote



ST-03



ST-02



ST-01

## Wireless Push Button

Battery	2×CR2032
Weight	24.8g
Size	86×14×86mm
Color	Black/White/customized
Frequency	433.92 Mhz Customized
Work Voltage	DC3V 2032*2
Quiescent Current	3.5uA
Work Current	13±1mA
Code	Fixed code or Rolling code
Channels	1-3 CHS for your optional



## Solar System

### Solar System SL-01

Model No	SYC-20L-A
Voltage	12V/24V(Auto)
Charging current	Max.20A
Wattage	20W(30W Optional)

The solar panel will always stay in the maximum power to fully charge the battery quickly. Energy-saving.



### Solar Power Charge Controller SM18-SOLAR

Solar panel	15 - 50V/2A (must be matched with the voltage of the battery)
Battery type	Lead-acid battery (12V/ 24V)



### Back Up Battery BB-01

Battery Capacity	12V 7AH
	12V 9AH





**New Design**



**RF Control**



**Diversified  
Scenarios**



Giant focus on the development, production and sales of the RF remote control since 2003, is the first manufacturer of RF remote control duplicator in China. With the advancement and innovation of the technology, we keep launching remote controls to adapt different market and users demand. Remote controls can be divided into fixed code remote control, remote control duplicator and compatible remote control in terms of function. Based on the different scene needs of customers, we customize and develop remote controls with different appearances, such as touch switches, password switches, and WIFI remote controls.

## REMOTE CONTROL





Remote Control Duplicator



JJ-CRC-SM06

Size	60×40×12mm
Battery	23A
Weight	25.7g
Frequency	315/433.92/adjustable/customized
Encode	imitate for 6P20D chip or duplicator

Clip:



Remote Control Duplicator



JJ-CRC-SM12

Battery	23A
Weight	22.1g
Size	58×37×12mm



Back



Clip 1



Clip 2



HCS301



Giant Rolling



HT12E



EV 1527



Remote Control Duplicator



JJ-CRC-SM27

Frequency	433.92Mhz
Battery Model	12V 23A
Button	4 buttons, 4 CHs
Range	80m in an open area
Material	ABS
Function	Automation system garage gate remote,rf transmitter



JJ-CRC-SM29

Frequency	433.92Mhz
Battery Model	12V 23A
Button	4 buttons, 4 CHs
Range	80m in an open area
Material	ABS
Function	Automation system garage gate remote,rf transmitter



Remote Control Duplicator



JJ-CRC-SM28

Frequency	433.92Mhz
Battery Model	12V 23A
Button	4 buttons, 4 CHs
Range	80m in an open area
Material	ABS
Function	Automation system garage gate remote,rf transmitter







Compatible Remote Control

# JJ-RC-SM24-MAX



Battery Model	CR2032
Voltage	3.3V
Material	ABS
Range	80-150m
Frequency	310mhz, 315mhz, 390mhz
Compatible	Liftmaster, Chamberlain, Craftsman
Application	Automation garage gate opener

Compatible Remote Control

# JJ-RC-I11-MAX



Battery Model	CR2032
Voltage	3.3V
Material	ABS
Range	80-150m
Frequency	310mhz, 315mhz, 390mhz
Compatible	Liftmaster, Chamberlain, Craftsman
Application	Automation garage gate opener

# JJ-RC-SM24-LT



Battery Model	CR2032
Voltage	3.3V
Material	ABS
Range	80-150m
Frequency	Multi frequency 310Mhz,315Mhz, 310Mhz,318MHz,372.5MHz,390mhz, or others
Compatible	Liftmaster, Chamberlain, Craftsman, Genie, Linear, Stanley, Wayne Dalyon
Application	Automation garage gate opener

# JJ-RC-SM26-GN



Battery Model	CR2032
Voltage	3.3V
Material	ABS
Range	80-150m
Frequency	310Mhz,390mhz
Compatible	Intellicode 1, Intellicode 2, dip switch Intellicode 1 Opener - 1995 To Present Intellicode 2 Opener --- 2010 To Present
Application	Genie automation garage gate opener

Compatible with Garage gate remote control





Compatible Remote Control



# JJ-JP-LT

Code	Rolling Code
Frequency	310-390MHz
Usage	Program private 4-digit code
Channel	2 CH
Color	Grey
Materia	ABS
Battery	AAA, Included
Application	Connects to Multiple Garage gate Openers
Voltage	9V
Transmitting distance	50-100m(open Space)

## Product Usage



**Keyless garage gate entry**  
Open/Close multiple garage gate without key or remote. Convenient keyless access to the garage with a four-number PIN.



**Use effect**  
Close garage gate with one touch when open. Set up in seconds with easy-to-follow wireless programming and universal frequency recognition of over 90% of all garage gate openers installed in North America, including major brands.

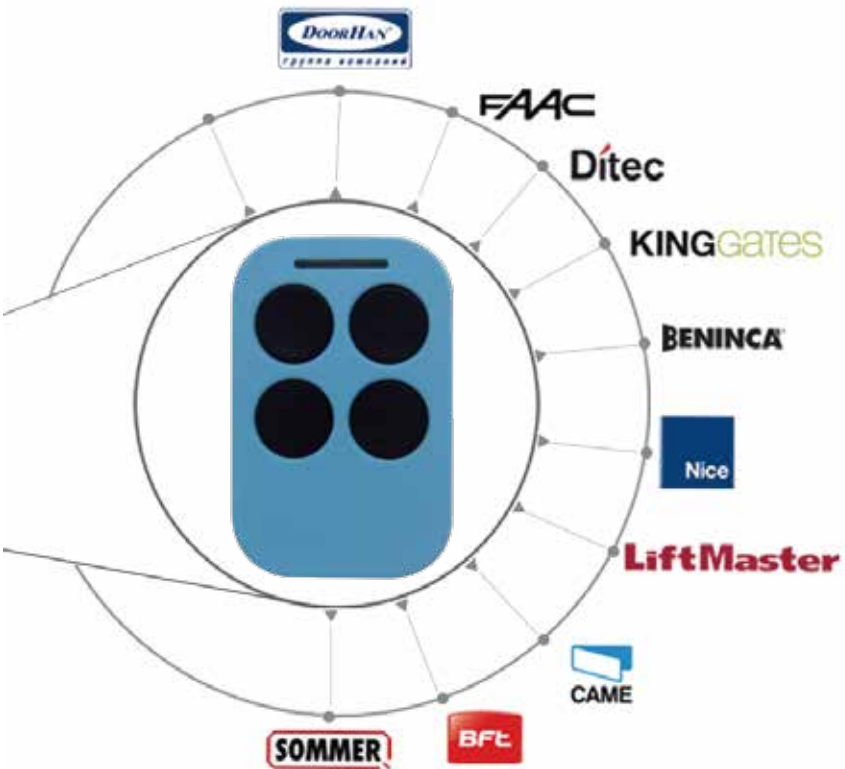


Compatible Remote Control



# JJ-RC-SM20E

Battery	27A
Weight	21.7g
Size	56×40×15mm
Frequency	433.92Mhz
Compatible with 4 different brands remote in 1	



# JJ-CRC-SM12-DP

Battery	23A
Weight	300-868Mhz
Function	Copy 90% fixed code and rolling code in the market



Car Charger Remote Control Duplicator

Remote Control JJ-HPRC-10



JJ-CRC-CZ-DP

Work Voltage	DC 12-24V
Frequency	300-868.35mhz
Size	78×41×41mm
Function	Copy 90% rolling and fixed code remote control
Distance	70m in the open area (car charger in the car)

 Double plug usb cable

JJ-CRC-CZ-19D

Work Voltage	12-24V AC/DC
Frequency	433.92mhz
Size	78×41×41mm
Function	Copy 99% fixed code in the market
Distance	70m in the open area (car charger in the car)



JJ-HPRC-10

Long Range Remote Control	
Voitage	9V
Weight	93.2g
Button	4 Buttons
Control distance	<1000M
Frequency	433.92mhz
Size(mm)	142×42×22mm
Code	Rolling Code, Fixed Code
EV1527,HCS301,SC2262	

High Power Long Range Remote Control designed for extended range wireless operation, designed operating distance.







### JJ-RC-A3

Battery	27A
Weight	30.8g
Size(mm)	60×26×14
Duplicator,EV1527	
433.92Mhz (Optional)	



### JJ-RC-F7

Battery	2×CR2016
Weight	20.1g
Size(mm)	75×33×14
Duplicator,HCS301	
433.92Mhz	



### JJ-RC-I11

Battery	27A
Weight	37.9g
Size(mm)	65×35×14
Duplicator,SC2262, HCS301,HT12E	
433.92Mhz	



### JJ-RC-K

Battery	27A
Weight	30.8g
Size(mm)	60×26×14
Duplicator,EV1527,HCS301	
433.92Mhz/Adjustable	



### JJ-RC-F8

Battery	CR2032
Weight	28.9g
Size(mm)	61×30×12
Duplicator HCS301, SMC5326,HT12E	
315/433.92Mhz (Optional)	



### JJ-RC-I

Battery	27A
Weight	28.9g
Size(mm)	55×30×12
Duplicator,SC2260, PT2240,EV1527,HCS301, HS1527,360,6P20B	
433.92Mhz (Optional)	



### JJ-RC-M

Battery	23A
Weight	26g
Size(mm)	65×37×13
Duplicator,EV1527, HCS301	
433.92Mhz/Adjustable	



### JJ-RC-SM16

Battery	CR2032
Weight	35g
Size(mm)	66×30×8
Duplicator,EV1527, HCS301	
433.92Mhz/Adjustable	



### JJ-RC-I6

Battery	27A
Weight	30.1g
Size(mm)	55×33×12
HCS301,6P20D,Duplicator	
433.92Mhz /Adjustable	



### JJ-RC-I8

Battery	27A
Weight	23.8g
Size(mm)	60×33×15
Duplicator,SC2260, EV1527,HCS301	
433.92Mhz	



### JJ-RC-SM27

Battery	23A
Weight	24.6g
Size(mm)	65.6×35×14
Duplicator,rolling code	
433.92Mhz	



### JJ-RC-SM26

Battery	CR2032
Weight	26g
Size(mm)	78×39.4×17
Duplicator,HCS301	
310Mhz/315Mhz/390Mhz	