



# Company | Introduction



Foshan Perth Intelligent Door Co., Ltd. has its own brand *Perth*. Its fully vertical integrated production system consists of design, manufacturing, inspection and export. All the jobs are done in one site to assure the consistent quality and on-time delivery. Rich product lines include battery backup rolling door motors, fireproof rolling door motors, Australian-style roller door high speed motors, folding gate operators, garage door openers, sliding gate operators, traffic barriers, transmitters and related accessories. We import advance technology from Australia, United States and Japan to produce various automatic door operators. Our products have multiple control functions, they are remote control operation, electric operation and manual operation, and characterize in nice appearance, smooth running, safety, reliability, durability, easy installation and maintenance.

We regard products quality and service as the lifeline of our corporation all along. Achieving ISO9001 certificate manifest our service mind and our determination on undertaking products quality.

Since its establishment, we have been listening and responding to our customers' requirements and always delights our customers by the following terms:

- ◆ Superior Quality
- ◆ Competitive Price
- ◆ On-time Delivery
- ◆ Excellent Service

We never satisfy the current achievement and continuously study and develop the better products to meet the changing market. Never stop making progress is our motto.

## Center Mount High Speed Roller Door Motor



### Features

- Stylish aluminum housing, durable and light. It is suitable for automating existing manual roller door.
- Running status indication function, open and close door using remote control or button on control box.
- 433Hz frequency rolling code has far remote control distance, strong penetration, high security and stable performance.
- Electronic limit switch roller door motor uses Hall component to adjust opening and closing limit, it is very accurate.
- Battery backup system supports normal operation in case of power failure.
- Control box is built in LED courtesy light, it will automatically open and close for 3 minutes when it is activated.
- Optional car load opener let you are free of worry about power failure.
- Mechanical limit switch and electronic limit switch motor are upon your choice. They are simple setting and easy installation.
- Selectable photocell and horn for connection.
- Motors have advantages of low noise, high performance and long service life.
- Motors operation with soft start, soft stop mode: slow---fast---slow, this ensure safe running.



### Specification

Model	Power Supply	Output Power	Rated Power	Working Speed	Max. lifting Weight	Max. Door Weight	Working Temp.	Max. Door Area	Limit Switch	Battery Spec.
PR-ZA01	AC 220V 50Hz	DC 24V	100W	0.2m/s	100kgs	250kgs	-25℃~50℃	18m <sup>2</sup>	Mechanical	—
PR-ZA01B	AC 220V 50Hz	DC 24V	100W	0.2m/s	100kgs	250kgs	-25℃~50℃	18m <sup>2</sup>	Mechanical	12V/2. 8A*2
PR-ZB01	AC 220V 50Hz	DC 24V	100W	0.2m/s	100kgs	250kgs	-25℃~50℃	18m <sup>2</sup>	Electronic	—
PR-ZB01B	AC 220V 50Hz	DC 24V	100W	0.2m/s	100kgs	250kgs	-25℃~50℃	18m <sup>2</sup>	Electronic	12V/2. 8A*2

## Side Mount High Speed Roller Door Motor



### Features

- Plastic enclosure is light, high strength and durable.
- It is suitable for side installation of new Australian style roller door, easy and fast installation.
- Running status indication function, motor can be controlled by transmitter or button on control box.
- Electronic limit switch roller door motor uses Hall component to adjust opening and closing limit, it is very accurate.
- Battery backup system supports normal operation in case of power failure.
- 433Hz frequency rolling code transmitter has far remote control distance, strong penetration, high security and stable performance.
- Control box has LED courtesy light, it will automatically turn on for 3 minutes when motor is activated.
- Optional vehicle pacemaker let you free of worry about power failure.
- Mechanical limit switch and electronic limit switch motor are upon your choice. They are simple setting and easy installation.
- Selectable photocell and horn for connection.
- Motors have advantages of low noise, high performance and long service life
- Motors operation with soft start, soft stop mode: slow--fast--slow, this ensure safe running



### Specification

Model	Power Supply	Output Power	Rated Power	Working Speed	Max. Lifting Weight	Max. Door Weight	Working Temp.	Max. Door Area	Limit Switch	Battery Spec.
PR-CA02	AC 220V 50Hz	DC 24V	120W	0.2m/s	130kgs	250kgs	-25℃~50℃	24m <sup>2</sup>	Mechanical	——
PR-CA02B	AC 220V 50Hz	DC 24V	120W	0.2m/s	130kgs	250kgs	-25℃~50℃	24m <sup>2</sup>	Mechanical	12V/2.8A*2
PR-CB02	AC 220V 50Hz	DC 24V	120W	0.2m/s	130kgs	250kgs	-25℃~50℃	24m <sup>2</sup>	Electronic	——
PR-CB02B	AC 220V 50Hz	DC 24V	120W	0.2m/s	130kgs	250kgs	-25℃~50℃	24m <sup>2</sup>	Electronic	12V/2.8A*2

# Garage Door Opener



## Features

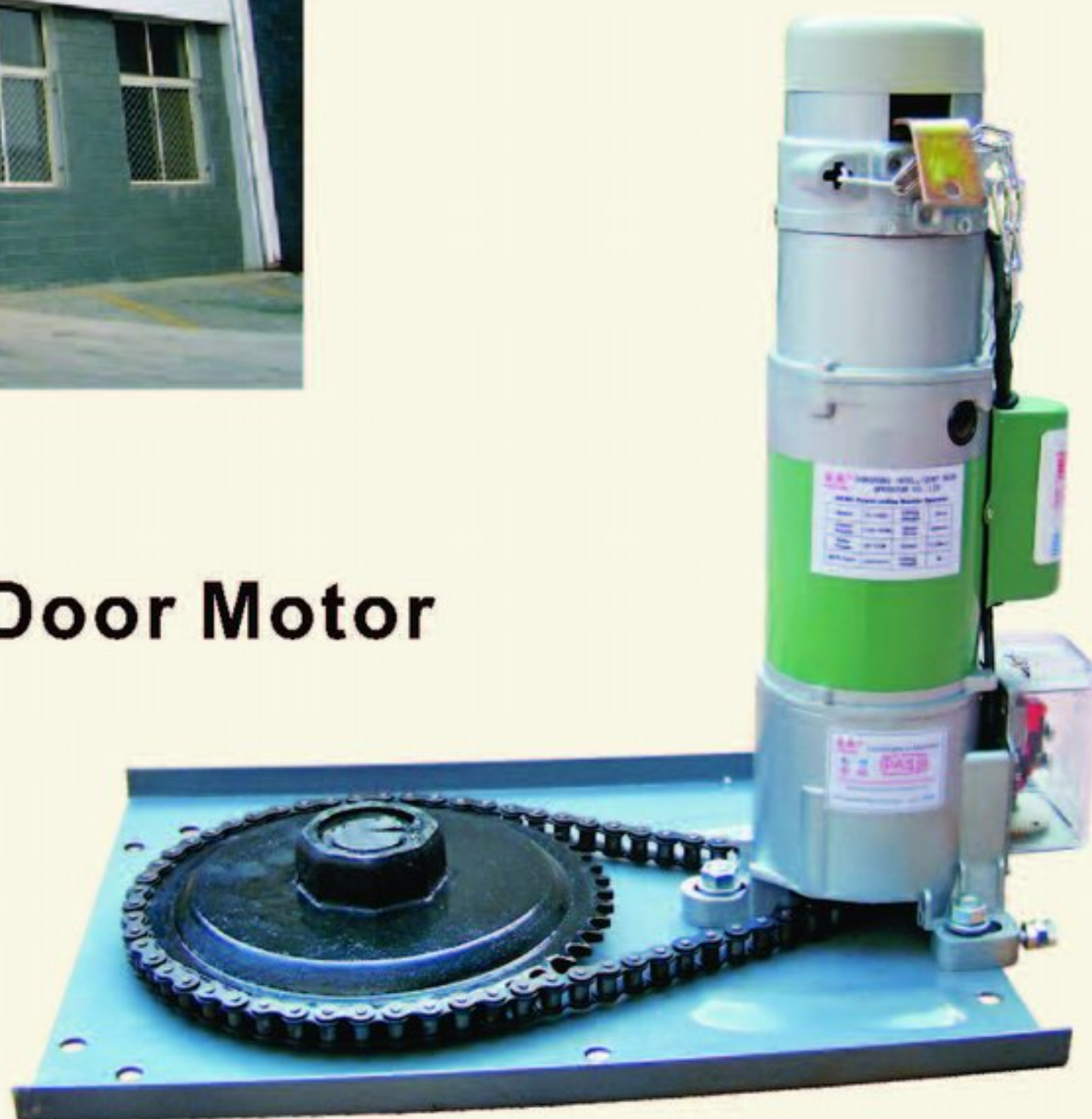
- Open and close door using transmitter, wall button or manually.
- 433Hz frequency rolling code has far remote control distance, strong penetration, high security and stable performance.
- Door will stop and reverse in case of meeting obstacle during closing.
- Courtesy light will automatically turn on for 3 minutes while opener is activated.
- Door can close itself automatically in 3 minutes after door opens in case of forgetting to close door., it is very reliable and safe.
- Opener has advantages of low noise, high performance, long service life and soft start and soft stop.
- Optional battery backup system supports normal operation in case of power failure.
- Optional car load opener let you are free of worry about power failure.

## Specification

Model	Power Supply	Output Power	Rated Power	Working Speed	Max. Lifting Force	Working Temp.	Max. Door Area	Battery Spec.
PR-FB13	AC 220V 50Hz	DC 24V	100W	0.15m/s	600N	-25°C~50°C	5.8*2.8m	——
PR-FB13B	AC 220V 50Hz	DC 24V	100W	0.15m/s	600N	-25°C~50°C	5.8*2.8m	12V/2. 8A*2
PR-FB23	AC 220V 50Hz	DC 24V	120W	0.15m/s	800N	-25°C~50°C	5.8*3.2m	——
PR-FB23B	AC 220V 50Hz	DC 24V	120W	0.15m/s	800N	-25°C~50°C	5.8*3.2m	12V/2. 8A*2
PR-FB33	AC 220V 50Hz	DC 24V	150W	0.15m/s	1000N	-25°C~50°C	5.8*3.2m	——
PR-FB33B	AC 220V 50Hz	DC 24V	150W	0.15m/s	1000N	-25°C~50°C	5.8*3.2m	12V/2. 8A*2



## Battery Backup Roller Door Motor



### Features

- Aluminum housing is light and solid.
- It can be replaced ordinary roller door motor without change bracket.
- Rolling code transmitter has strong interference resistance and high security.
- Battery backup system supports normal operation in case of power failure. 4Ah/12V battery is universal product.
- Operator runs steadily with small noise and great horsepower, thermal protection device is built in.

### Specification

Model	Power Supply	Output Power	Rated Power	Max. Lifting Height	Max. Door Weight	Output Rotation	Output Torque	Drive	Battery Spec.
PR-DR300B	AC 220V 50Hz	DC 24V	200W	6M	300kgs	5.2 r/min	168 N.m	链式 / 齿式 Chain / Gear	4A/12V*2
PR-DR500B	AC 220V 50Hz	DC 24V	250W	6M	500kgs	6.2 r/min	168 N.m	链式 / 齿式 Chain / Gear	4A/12V*2



## Fireproof Roller Door Motor

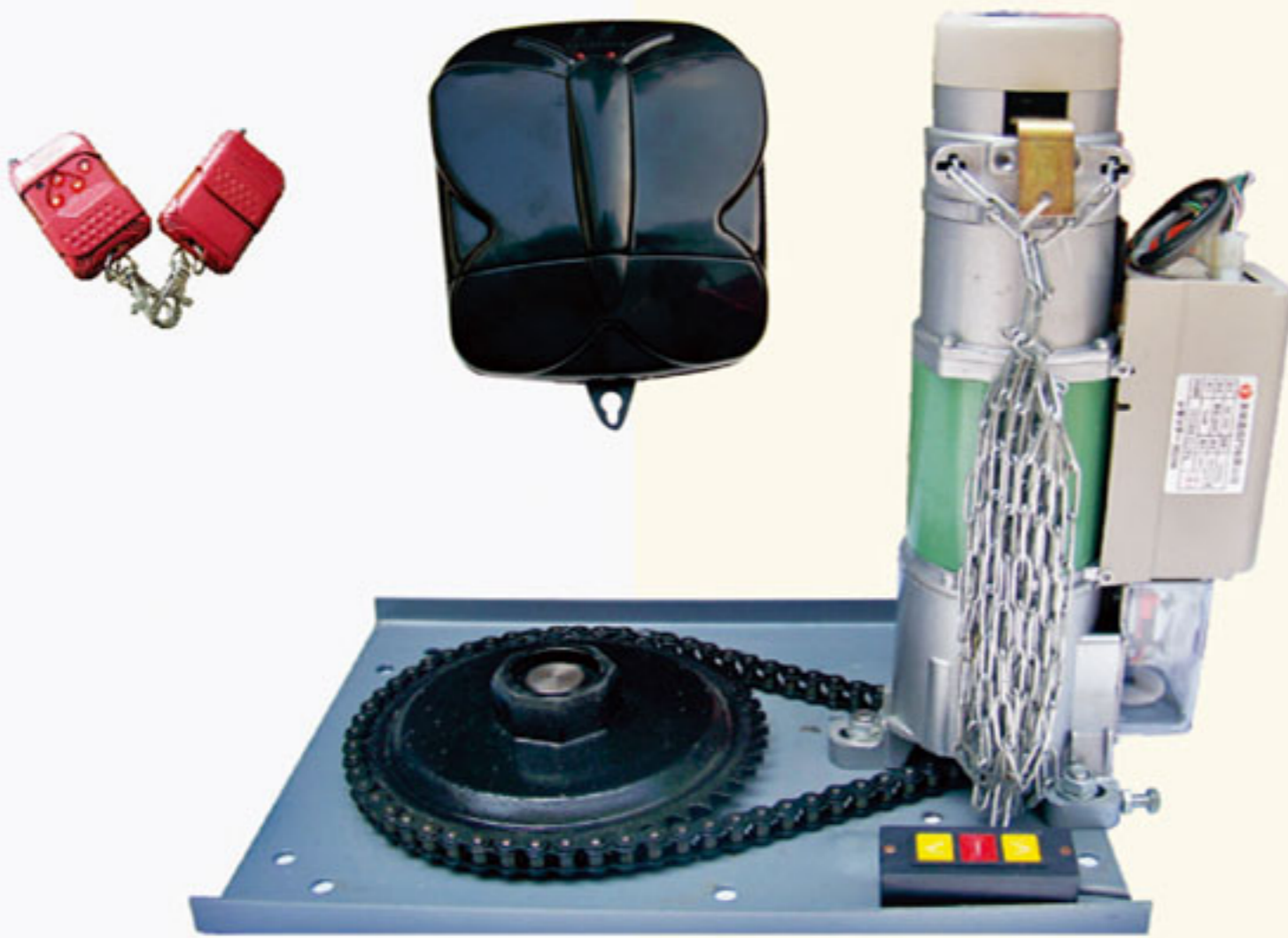
### Features

- Gear applies high quality alloy steel and specially treated to ensure its lifting strength.
- Housing applies high performance aluminum alloy, it is durable and solid.
- Special braking device can brake at the moment of power cut off to ensure absolutely safety.
- Accurately control limit travel, its setting is simple and controlled travel limit is large.
- Operator runs steadily with small noise and great horsepower, thermal protection device is built in.
- Remote control and manual control is upon your choice, very convenient.
- Apply American micro-computer single chip to achieve intelligent control. Signals from smoke sensor and temperature sensor are received by three programs.
- Besides of operating fireproof rolling shutter automatically and manually, the operator has various protective functions, such as incoming line phase loss protection, phase sequence change protection and over-load protection etc.
- Control circuit and controlled circuit are separated by two phototubes and powerful in anti-interference. Main control has large capacity and long service life.



### Specification

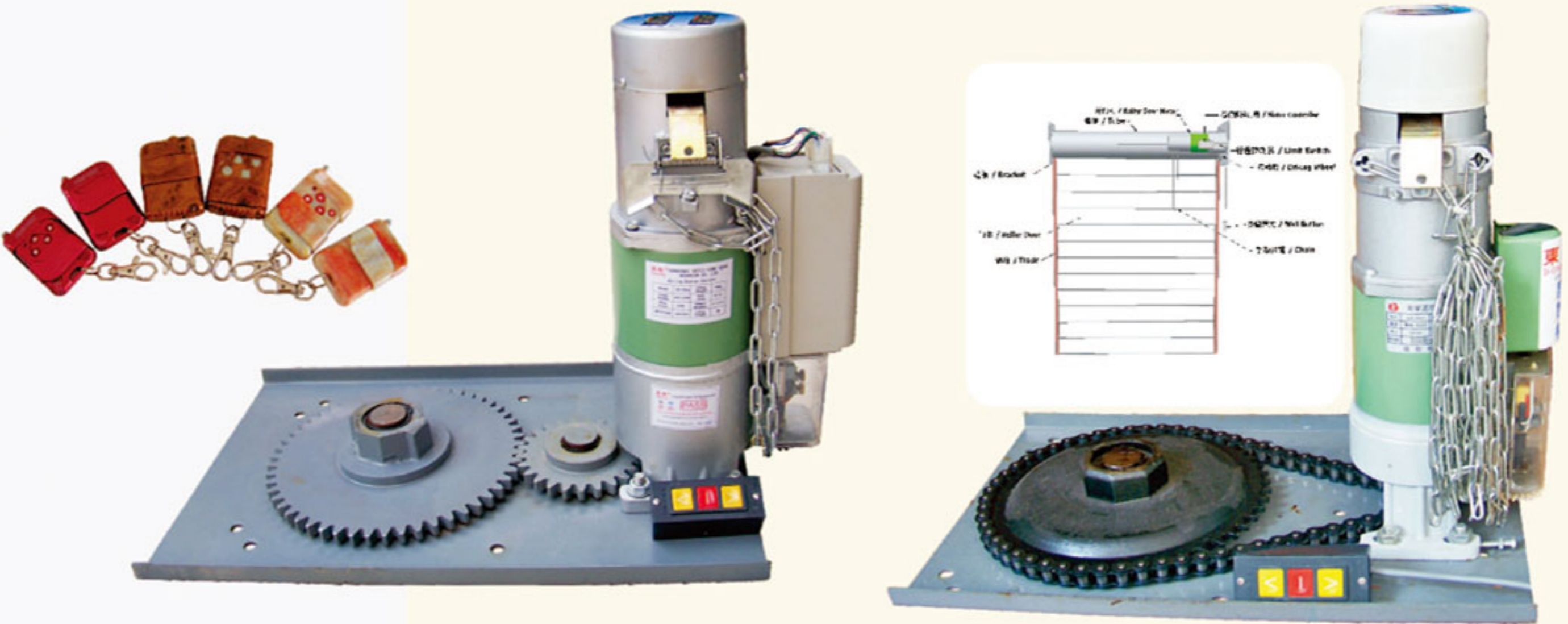
Model	Power Supply	Rated Power	Max. Lifting Height	Max. Door Weight	Output Rotation	Output Torque
PR-FP500	AC 380V/50Hz	250W	6M	500kgs	6.2r/min	343N.m
PR-FP800	AC 380V/50Hz	400W	7M	800kgs	6.4 r/min	607 N.m



### Features

- Apply wear resistant, high temperature resistant car braking material to ensure braking more safe and accurate.
- Taiwan original electronic components provide stable performance.
- Qualified driving gear is from key war industry enterprise.
- High performance aluminum alloy enclosure is durable. Anti-chain-breaking device is optional built.
- Apply double travel limit protection device and original creation of exceeding travel limit protection device, travel limit adjustment is easy and accurate, and never overrun travel limit.
- Operator runs steadily with small noise and great horsepower, thermal protection device is built in.
- Remote control and manual control is upon your choice, very convenient.

## Chain drive roller door motor



## Gear drive roller door motor

### Specification

Model	Power Supply	Rated Power	Max. Lifting Height	Max. Door Weight	Output Rotation	Output Torque	Drive
PR-DR300AC	AC 220V 50Hz	200W	6M	300kgs	5.2 r/min	168 N.m	Chain / Gear
PR-DR500AC	AC 220V 50Hz	250W	6M	500kgs	6.2 r/min	343 N.m	Chain / Gear
PR-DR600AC	AC 220V 50Hz	280W	6M	600kgs	6.2 r/min	412 N.m	Chain / Gear
PR-DR800AC	AC 220V/380V 50Hz	350W	7M	800kgs	6.4 r/min	607 N.m	Chain / Gear
PR-DR110AC	AC 220V/380V 50Hz	580W	7M	1000kgs	6.5 r/min	1102 N.m	Chain

# Slide Gate Operator

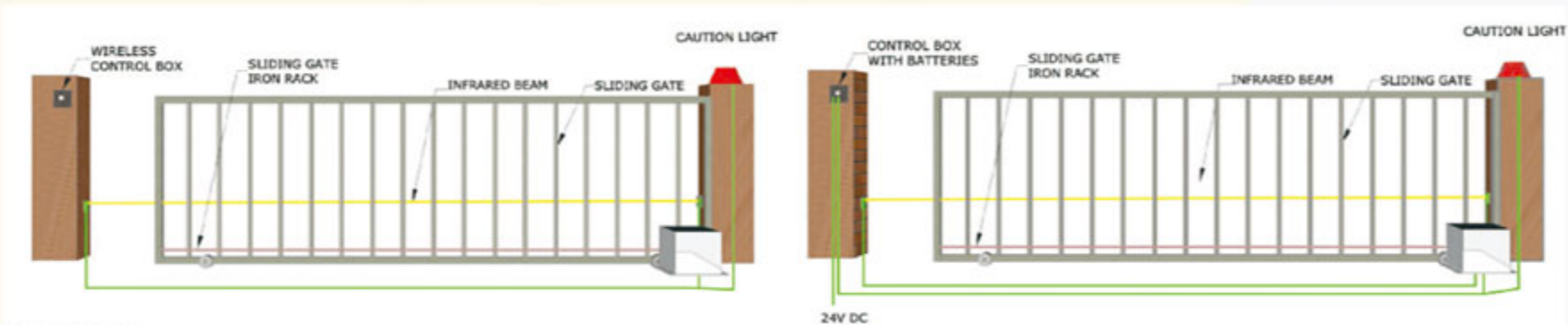


wireless control box



## Features

- Built in control board
- Compact design and light in weight. It can be installed on ground easily and conveniently.
- Magnetic switch, open and close door by remote control, button control and wireless box control.
- Transmitters apply rolling code technology that has advantages of strong interference resistant, great remote control range and stable performance.
- Motor applies high performance aluminum alloy housing, copper alloy gear. Operator runs steadily with small noise and great horsepower. Built-in thermal protection device ensures strong, dependable performance.
- Programmable electronic braking to prevent gate from inertness and realizes soft stop; Ventilated motor improves working efficiency; Optionl PIU can increase basic function.



## Specification

Item	Model	PR-PC04	PR-PC04B
Power Supply		AC 220V / 50Hz	AC 220V / 24V
Rated Power		200W	200W
Capacitor		23μF	—
Remote Range		>50M±20%	
Rolling Code Frequency		433 MHz	
Max. Gate Weight		1200kgs	800kgs
Working Temperature		-25°C~50°C	
Net Weight		12.5kgs	13kgs
Battery Spec.		—	12V/2.8A *2





# Folding Gate Operator

## Trackless Vertical Operator



## Train Track Vertical Operator



## Angle Track Horizontal Operator



### Features

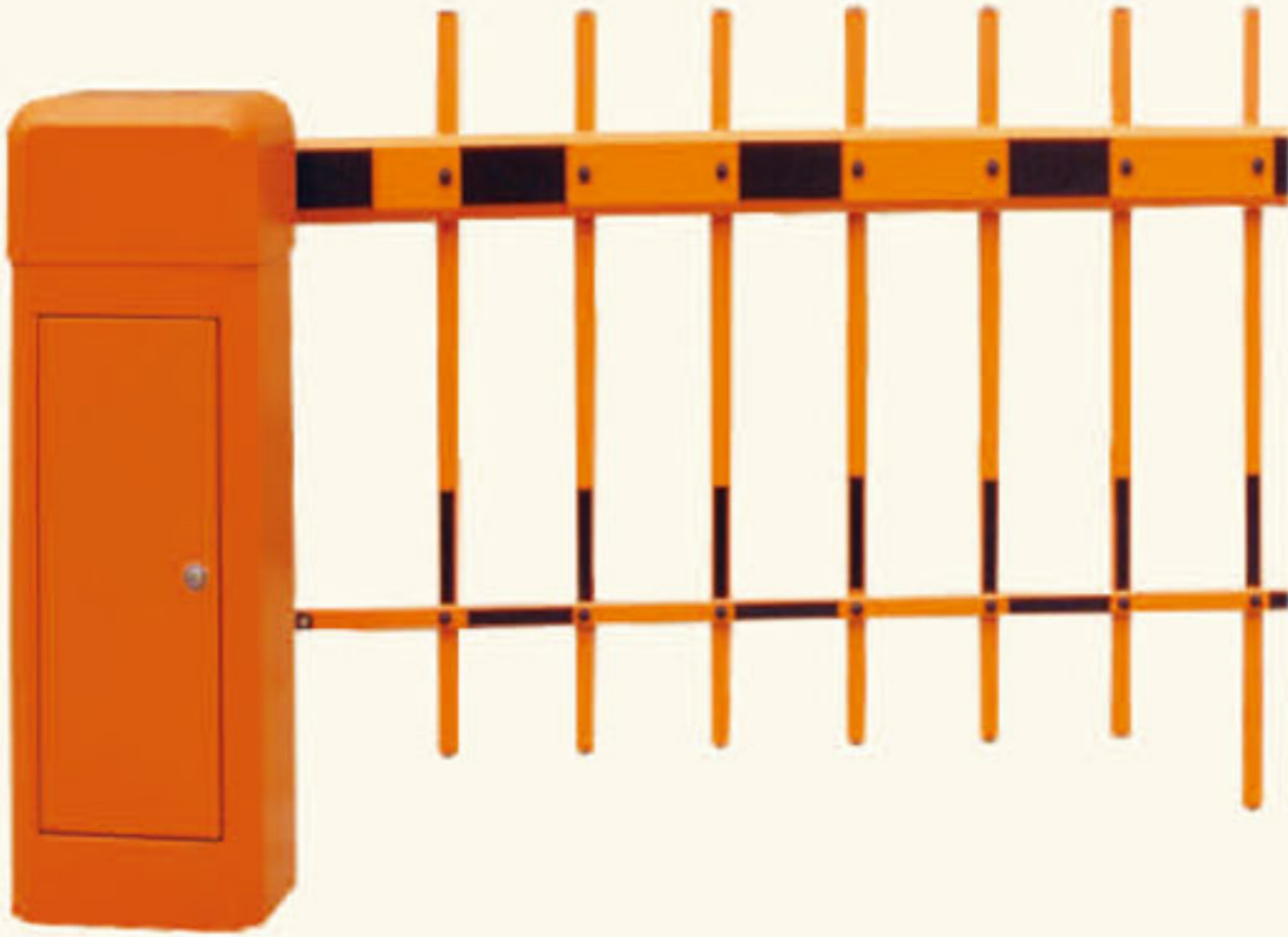
- Compact design and light in weight. It can be installed on ground easily and conveniently. Controller is built inside.
- Magnetic switch carries out travel limit by remote control and manual control. Anti-collision function is designed.
- Transmitters apply rolling code technology that has advantages of strong interference resistant, great remote control range and stable performance.
- Weather-resistant high performance aluminum alloy enclosure operator runs steadily with low noise and great horsepower. Built-in overload protection ensures strong, dependable performance.



### Specification

Model	Power Supply	Rated Power	Working Speed	Max. Door Weight	Output Rotation	Output Torque	Operator Type
PR-H800	AC 220V 50Hz	250W	12m/min	1200kgs	6.2 r/min	343 N.m	Horizontal
PR-V800	AC 220V 50Hz	400W	12m/min	1200kgs	6.2 r/min	607 N.m	Vertical

# Traffic Barrier



## Features

- Driving components are made of well-treated steel, steady running, small noise, rigid and durable.
- Special spring balance structure ensures vertical raising and horizontal falling.
- Smart reverse system upon obstruction to guarantee safety in arm raising and falling.
- Cabinet surface applies anti-ultraviolet paint, which prevents color fade after long time exposure to sun.
- Control board is built inside, operation can be controlled by transmitter and button.
- Traffic barrier is widely used in factory, residential building.



Model: PR-B3-4



Model: PR-B3-5



Model: PR-B3-6

## Specification

- Cabinet size (L\*W\*H): 350X350X1050mm
- Height of boom centerline: 870mm
- Standard straight boom: 1~6m (Model: PR-B3-4)
- Standard folding boom: 1~6m (Model: PR-B3-6)
- Standard barrier: 1~4.5m (Model: PR-B3-5)
- Rising & falling time: 5 seconds
- Input Power: 400W
- Net weight: 60kgs
- Power supply: AC 220V / 50Hz
- Working temperature: -10°C~45°C
- Max.relative humidity: 95% (25°C)