



High-Quality Barrier Gate Manufacturer

WEB: www.wonsunbarriers.com

ADD: Floor 1, Zhigu, No. 2-10, South jinlong avenue,
Shahu community, Biling street, Pingshan district,
Shenzhen, China

WONSUN

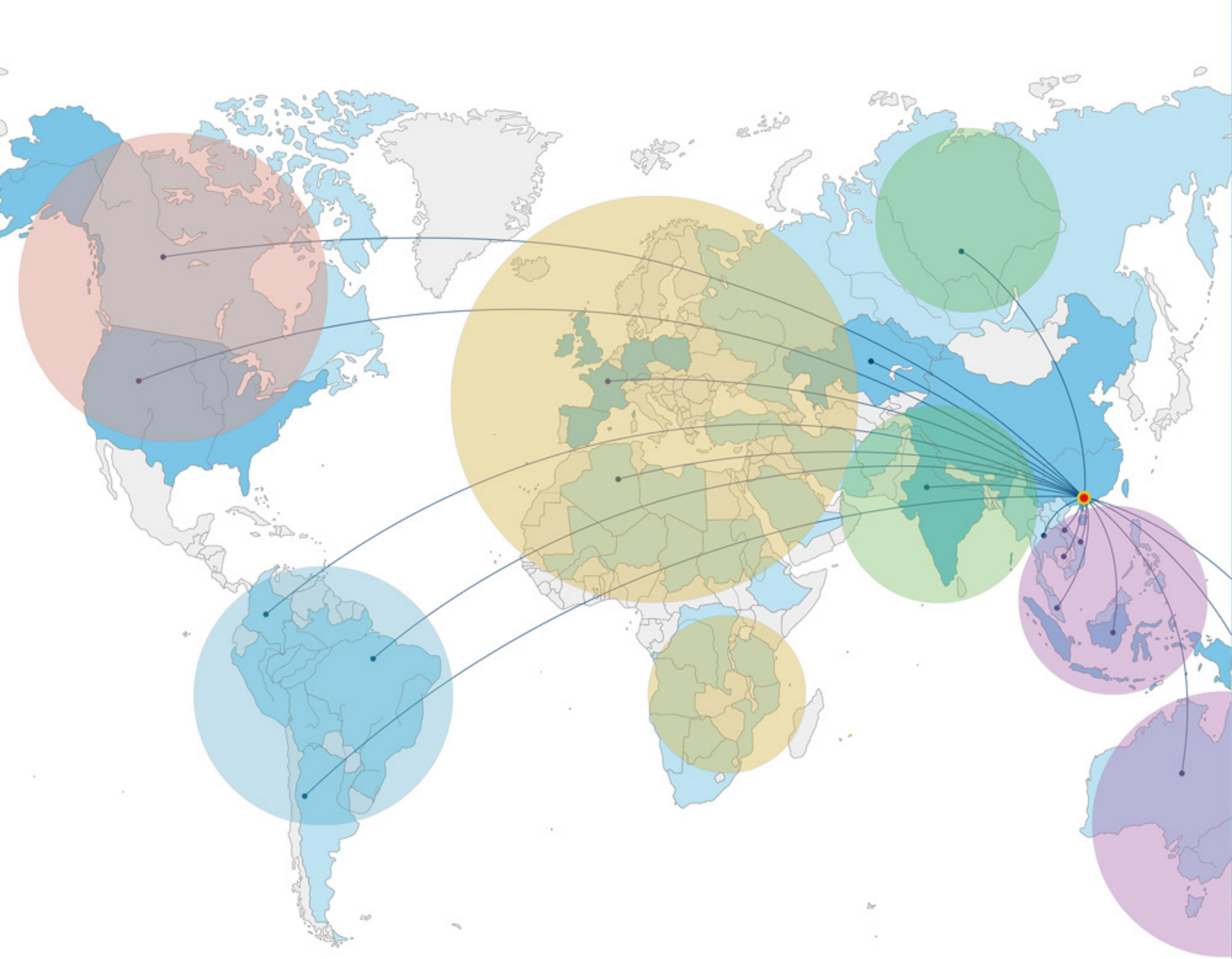
13 YEARS



Wonsun Barrier Gate

Shenzhen Wonsun Machinery & Electrical Technology Co., Ltd

Technology creates brilliance,
innovation achieves the future.



WONSUN BARRIER GATE

Bestselling in over 100 countries and regions worldwide.

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Barrier Gate Accessories

Barrier Gate Accessories

About Wonsun

Shenzhen Wonsun Machinery & Electrical Technology Co.,Ltd was founded in 2011 as an innovative enterprise, specializing in the production of high-end intelligent barrier gates. We are the high-tech enterprise that integrates development, design, production, manufacturing, sales, and service of intelligent barrier gates. Wonsun is committed to providing high-quality, stable, innovative, practical, and environmental friendly barriers for the majority of entrance and exit system. Our main products currently include: AC servo non-spring ultra-high-speed barrier gate series, DC servo high-speed barrier gate series, DC brushless non-spring barrier gate series, DC brushless fast speed barrier gate series, DC commercial advertising barrier gate series, DC special customized barrier gate series, AC barrier gate series, DC servo sliding gate opener series, DC brushless sliding gate opener series, and more than 30 types of barrier arms can be selected. At present, our products are sold to more than 100 countries around the world and have become a world-renowned brand. Looking to the future, Shenzhen Wonsun Machinery & Electrical Technology Co.,Ltd relied on advanced core technology, years of manufacturing experience, adhere to the business philosophy of "professional team, focus spirit, dedicated service, and innovative research", to provide innovative products and sustainable development technology for customers to meet the rapidly changing market and growing demand of the market. We warmly welcome friends from the industry of the entrance and exit equipment to visit us and work together to create a brilliant future. We gather together because of a common ideal and dream, which is to make the world fall in love with the products that Made In China.



Company Vision:

Professionalism in fulfilling duties and striving for excellence; Technology creates brilliance, innovation achieves the future.

Company Goal:

To build a well-known global brand of internet-driven intelligent barrier gates.

Company Slogan:

Daring to lead the industry's development, constantly innovating towards a new era of development, and providing better service to customers.

Company Values:

Public safety is always the top priority, creating intelligent living through technology; making homes safer, vehicles pass more quickly, and becoming the best supplier in the field of import and export management; being enterprising and committed to innovation.

AC Servo Non-Spring Super High-Speed Motor

Patented product, all rights reserved

Patent No: CN213233234U
CN306679104S

No welding Boom Bracket

Easy disassembly and assembly, no deformation, greatly improve production efficiency, and easy maintenance

Patented non-slip design

Anti-skid device design, safe and reliable

Three-link transmission

The operation is stable and the lifting is in place, and the self-locking design of the lifting and falling in place after power failure

Hoisting design

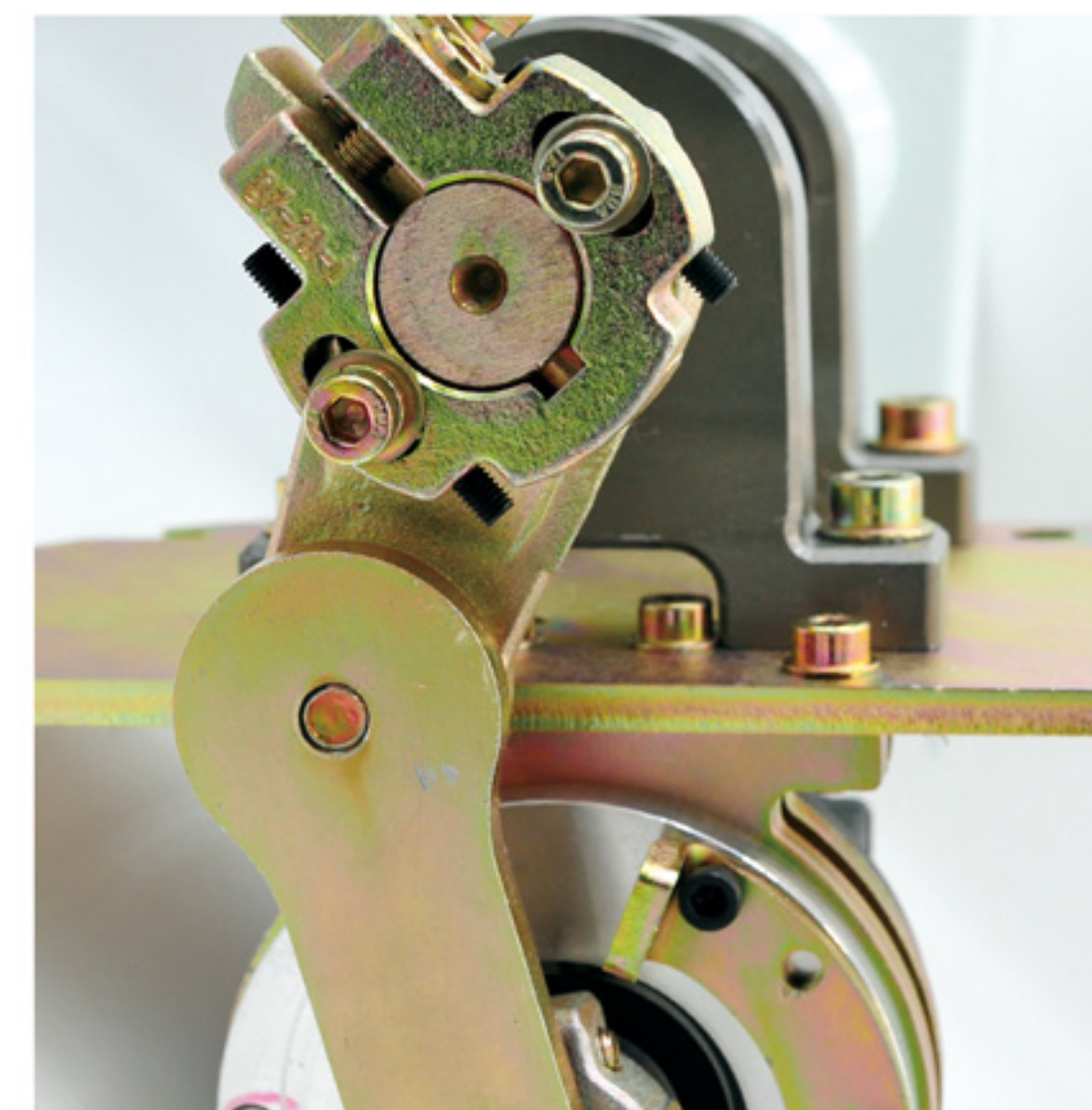
Integrated design of hoisting, can adapt to more than 30 appearance options

Permanent Magnet Rare Earth Servo Motor

Permanent magnet rare earth motor, no demagnetization, no heat generation, pure copper material, low power consumption, long life, free speed regulation, accurate limit

Planetary Gearbox

High precision, high efficiency, large torque, long life



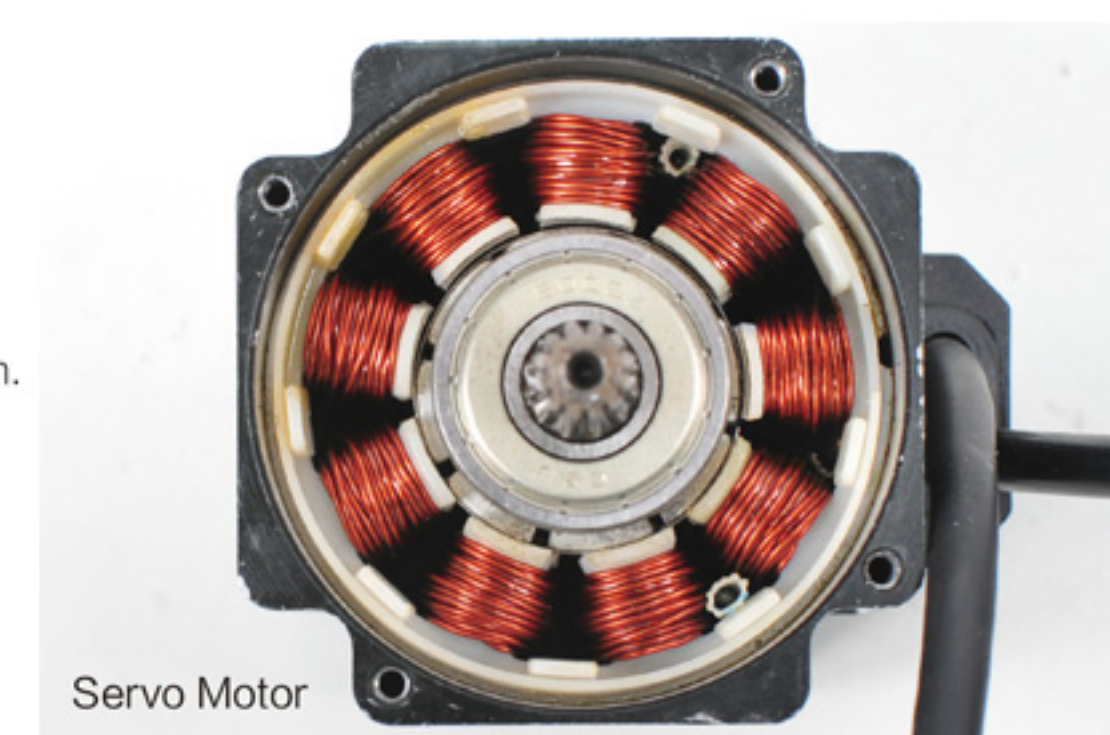
FUNCTIONS

1. Operation speed can be adjusted.
2. Slow up and slow down can be adjusted.
3. The limit angle can be adjusted.
4. Left and right direction can be quickly interchanged.
5. The barrier arm can be manually operated in case of power failure.
6. 418 frequency learning code anti-copy remote controller.
7. Infrared photocell sensor IO signal input function.
8. Loop detector and radar IO signal anti-collision signal input function.
9. Up, down and stop IO signal input function.
10. Counting (fleet) function.
11. LED light IO signal output function.
12. Traffic light IO signal output function.
13. Up and down in place, normally open and normally closed signal output function.
14. RS485 communication output function.
15. Delay arm drop function.
16. Arm auto-reverse function.
17. Automatic lifting function when power is off (requires additional power storage module).
18. IO port single-key cycle up and down function.
19. Loop detector normally open and normally closed function.
20. One car and one arm to prevent toll evasion function.
21. Anti-collision alarm function (requires additional fee, installation of alarm and sensor).
22. Fire linkage signal input function.
23. The IO port closes the signal input function.
24. 24V storage battery input function.

The 4th generation non-spring servo motor ultra-high-speed barrier gate has made a breakthrough in solving the technical problem that traditional barrier gates need spring balance to operate smoothly. The 4th generation non-spring servo motor ultra-high-speed barrier gate matches the latest developed inflatable arm, which is very lightweight and solves the technical problem of requiring both speed and long barrier arm length while maintaining stable operation. The inflatable arm also solves many other problems: 1. Convenient transportation (greatly reducing the expensive transportation costs); 2. Lightweight (greatly improving the lifespan of the barrier motor and reducing the failure rate, especially for non-spring barrier motor); 3. Not afraid of car collisions and typhoons damaging the barrier arm; 4. Truly achieving no harm to the car and people.; 5. Saves storage space and rent. The 4th generation non-spring servo motor ultra-high-speed barrier gate adopts the industry's most stylish round barrier housing design, with integrated mechanical and electrical design, left and right direction can be quickly interchange, high-precision and long life planetary reducer design, high-speed and high-torque AC servo motor design, ultra-high-speed operation intelligent driver, can operate smoothly and accurately in 0.2 seconds, fully realizing fast passage of the highway ETC lanes, and can work continuously for more than over 10 million times times for over 20,000 hours, reaching military-grade lifespan. It truly achieves safety, stability, reliability, durability, innovation, and high-quality high-end products!



Planetary Gearbox



Servo Motor

AC Servo Non-Spring
Super High-Speed Barrier gate

DZ-SF-2328

Patented product,all rights reserved
Patent No: CN213233234U
CN306679104S



PRODUCT PARAMETER

Product Name	AC Servo Non-Spring Super High Speed Barrier Gate
Product Model	DZ-SF-2328
Product Size	330×330×950 (mm)
Working Temperature	-35℃~+65℃
Power Supply	DC24V/AC110V/220V 50/60Hz
Running Speed	0.6s-3s
Rated Power	750W
Driving Method	Servo Motor
Humidity	≤90%
Remote Control Distance	≤100m (Open & Sunny Weather)
Protection Class	IP54
Motor No-load Speed	5000r/min
Adaptable Boom Length	3m

AC Servo Non-Spring
Super High-Speed Barrier gate

DZ-SF-2328

Patented product,all rights reserved
Patent No: CN213233234U
CN306679104S



PRODUCT PARAMETER

Product Name	AC Servo Non-Spring Super High Speed Barrier Gate
Product Model	DZ-SF-2328
Product Size	330×330×950 (mm)
Working Temperature	-35℃~+65℃
Power Supply	DC24V/AC110V/220V 50/60Hz
Running Speed	0.2s-3s
Rated Power	750W
Driving Method	Servo Motor
Humidity	≤90%
Remote Control Distance	≤100m (Open & Sunny Weather)
Protection Class	IP54
Motor No-load Speed	5000r/min
Adaptable Boom Length	1.5m-2m

DC High-Speed Servo Motor

Patented product, all rights reserved

Patent No: CN306222674S
CN213233234U
CN212956262U**No welding Boom Bracket**

Easy disassembly and assembly, no deformation, greatly improve production efficiency, and easy maintenance

Three-link transmission

The operation is stable and the lifting is in place, and the self-locking design of the lifting and falling in place after power failure

Hoisting design

Integrated design of hoisting, can adapt to more than 30 appearance options

Planetary Gearbox

High precision, high efficiency, large torque, long life

Permanent Magnet Rare Earth Servo Motor

Permanent magnet rare earth motor, no demagnetization, no heat generation, pure copper material, low power consumption, long life, free speed regulation, accurate limit

tension spring

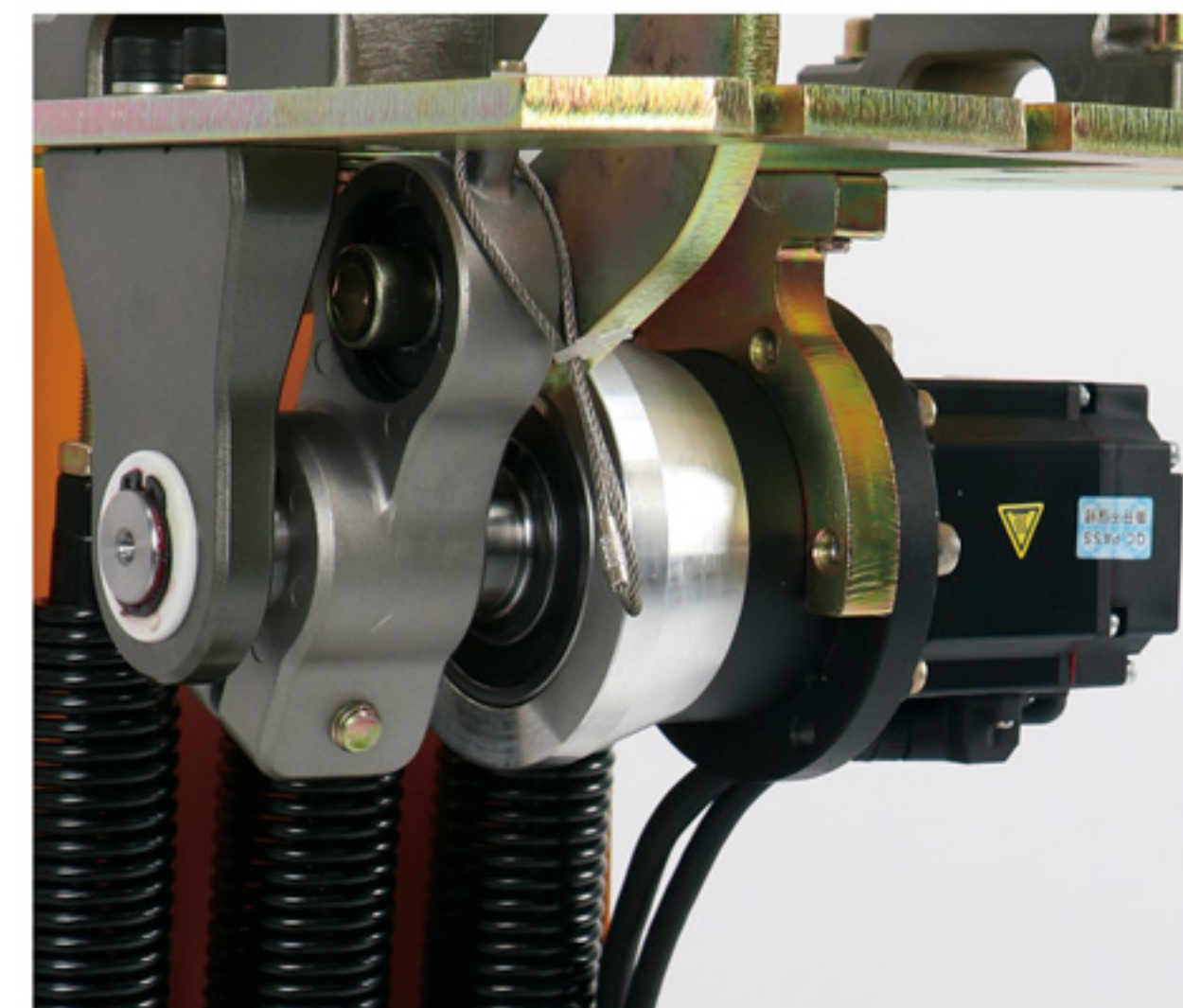
3 springs are balanced for easy adjustment and longer life

Independent research and development of servo dedicated controller

Imported ST chip, the most stable brushless control algorithm scheme design

Dedicated barrier power supply

Specially designed for Wonsun barrier gate, simple and stable

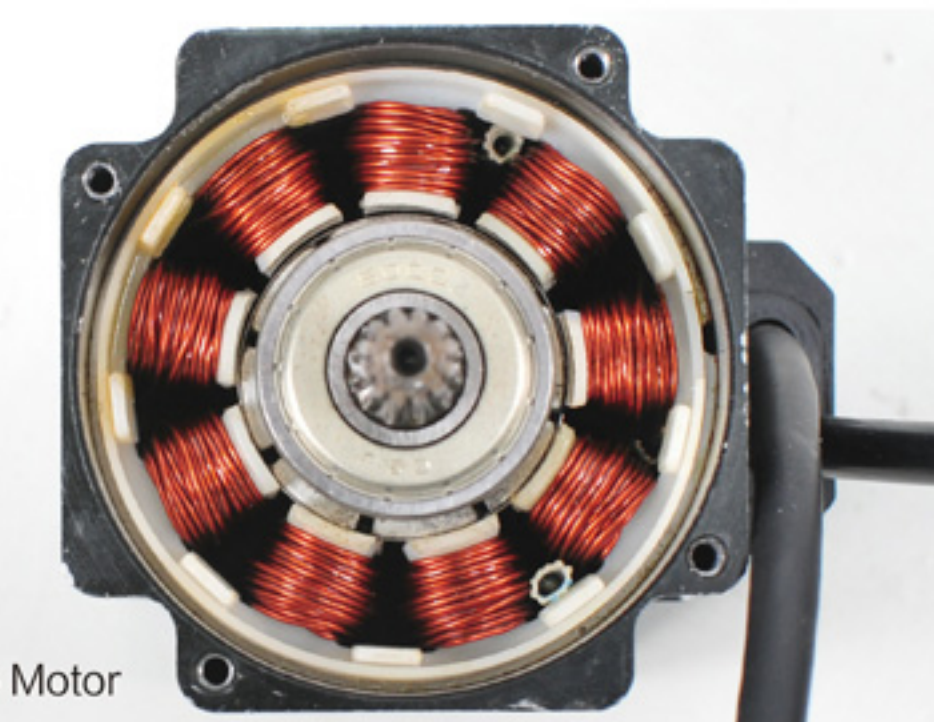
**FUNCTIONS**

1. Operation speed can be adjusted.
2. Slow up and slow down can be adjusted.
3. The limit angle can be adjusted.
4. Left and right direction can be quickly interchanged.
5. The barrier arm can be manually operated in case of power failure.
6. 418 frequency learning code anti-copy remote controller.
7. Infrared photocell sensor IO signal input function.
8. Loop detector and radar IO signal anti-collision signal input function.
9. Up, down and stop IO signal input function.
10. Counting (fleet) function.
11. LED light IO signal output function.
12. Traffic light IO signal output function.
13. Up and down in place, normally open and normally closed signal output function.
14. RS485 communication output function.
15. Delay arm drop function.
16. Arm auto-reverse function.
17. Automatic lifting function when power is off (requires additional power storage module).
18. IO port single-key cycle up and down function.
19. Loop detector normally open and normally closed function.
20. One car and one arm to prevent toll evasion function.
21. Anti-collision alarm function (requires additional fee, installation of alarm and sensor).
22. Fire linkage signal input function.
23. The IO port closes the signal input function.
24. 24V storage battery input function.

WONSUN 2nd generation servo motor gate adopts integrated design and mold manufacturing with international leading technology, compact structure, high precision, high consistency and standardization, and use planetary reducer transmission, high efficiency, long life, no oil leakage, no blocking, low noise, the motor adopts 24V permanent magnet rare earth synchronous servo motor, small size, low power consumption, large torque, wide speed regulation, no heat, small penetration, precise limit, etc., using digital signal processor (DSP) As the control core, it can realize more complex algorithms, realize network and intelligence, (IPM) internal integrated drive circuit can detect faults and display fault codes to quickly solve fault problems. The three-bar linkage design of the machine core makes rapid rise and stable fall. Using solar charging applications, it is suitable for unmanned occasions such as railway crossings, fire passages, oil stations, mine tunnels, etc., without electricity, and fully realizes automatic operation control.



Planetary Gearbox



Servo Motor

DC Servo High Speed Barrier Gate

DZ-SF-2035

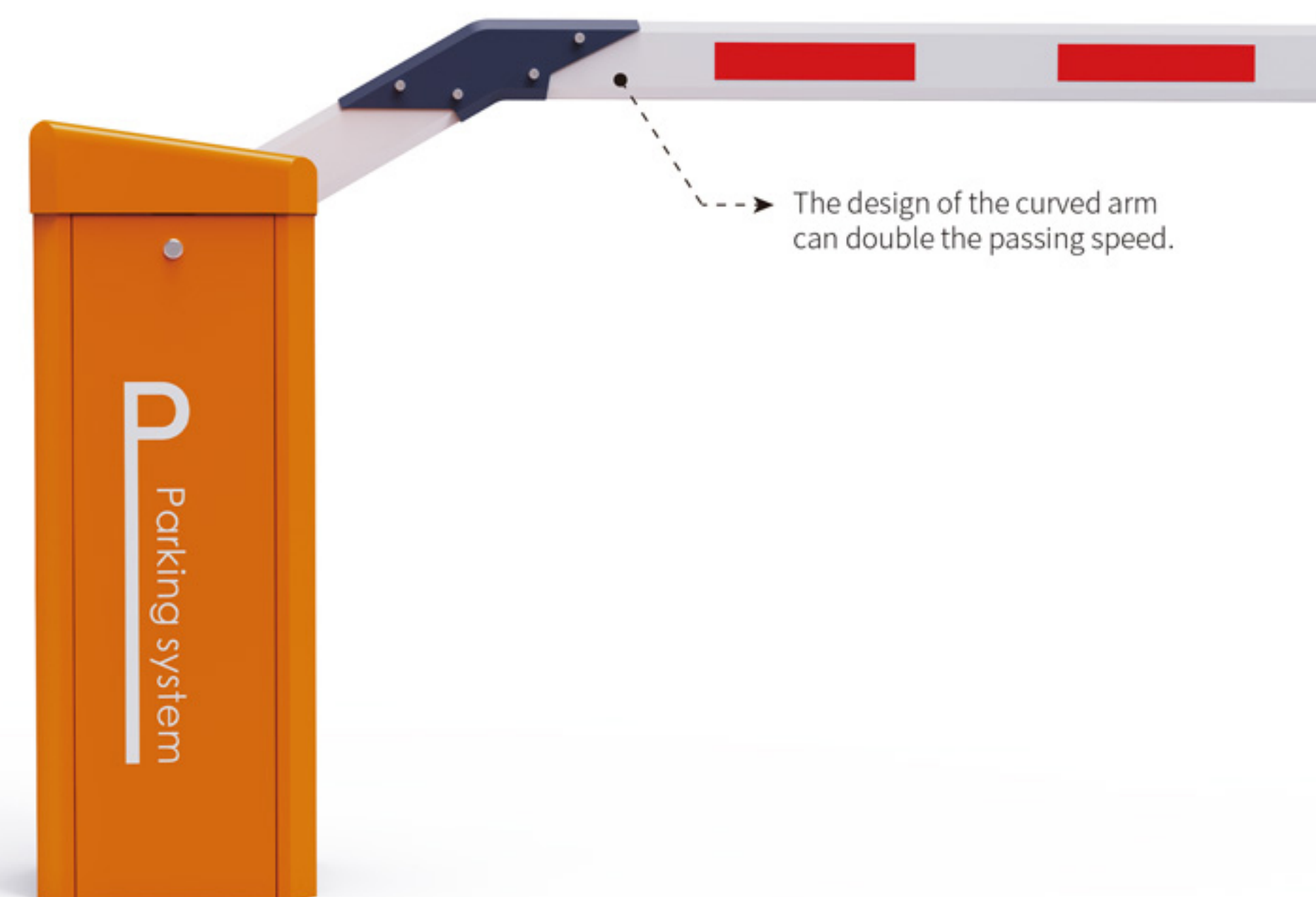
Patented product,all rights reserved
Patent No: CN305742483S

PRODUCT PARAMETER

Product Name	DC Servo High Speed Barrier Gate	DC Servo High Speed Barrier Gate
Product Model	DZ-SF-2035	DZ-SF-2035
Product Size	340×340×1047 (mm)	340×340×1047 (mm)
Working Temperature	-35℃~+65℃	-35℃~+65℃
Power Supply	DC24V/AC110V/220V 50/60Hz	DC24V/AC110V/220V 50/60Hz
Running Speed	0.9s~8s (Adjustable)	0.6s~6s (Adjustable)
Rated Power	200W	400W
Driving Method	Servo Motor	Servo Motor
Humidity	≤90%	≤90%
Remote Control Distance	≤100m (Open & Sunny Weather)	≤100m (Open & Sunny Weather)
Protection Class	IP54	IP54
Motor No-load Speed	3000r/min	3000r/min
Adaptable Boom Length	3m~6m	2.5m

DC Servo High Speed Barrier Gate

DZ-SF-138

Patented product,all rights reserved
Patent No: CN214061392U
CN208933856U
CN307400986S

PRODUCT PARAMETER

Product Name	DC Servo High Speed Barrier Gate	DC Servo High Speed Barrier Gate
Product Model	DZ-SF-138	DZ-SF-138
Product Size	298×340×928 (mm)	298×340×928 (mm)
Working Temperature	-35℃~+65℃	-35℃~+65℃
Power Supply	DC24V/AC110V/220V 50/60Hz	DC24V/AC110V/220V 50/60Hz
Running Speed	0.9s~8s (Adjustable)	0.6s~6s (Adjustable)
Rated Power	200W	400W
Driving Method	Servo Motor	Servo Motor
Humidity	≤90%	≤90%
Remote Control Distance	≤100m (Open & Sunny Weather)	≤100m (Open & Sunny Weather)
Protection Class	IP54	IP54
Motor No-load Speed	3000r/min	3000r/min
Adaptable Boom Length	3m~6m	2.5m

1st Generation Non-spring Motor

Patented product, all rights reserved

Patent No: CN213233234U
CN306679104S

Patented non-slip design
Anti-skid device design, safe and reliable

No welding Boom Bracket
Easy disassembly and assembly, no deformation, greatly improving production efficiency and maintenance convenience

Cast steel accessories
Brand new precision cast steel three-link design, smooth operation, lift in place, self-locking design when power off

Fourth-level gear transmission
Using special material, carburized and quenched heat treatment, with a hardness of 60 degrees and a torque of 400NM

Folding manual crank
Anti-beater, easy to crank the arm during power outage

Permanent magnet rare earth brushless torque motor
Permanent magnet rare earth motor, no demagnetization, no heat generation, pure copper material, low power consumption, long life, free speed regulation, accurate limit



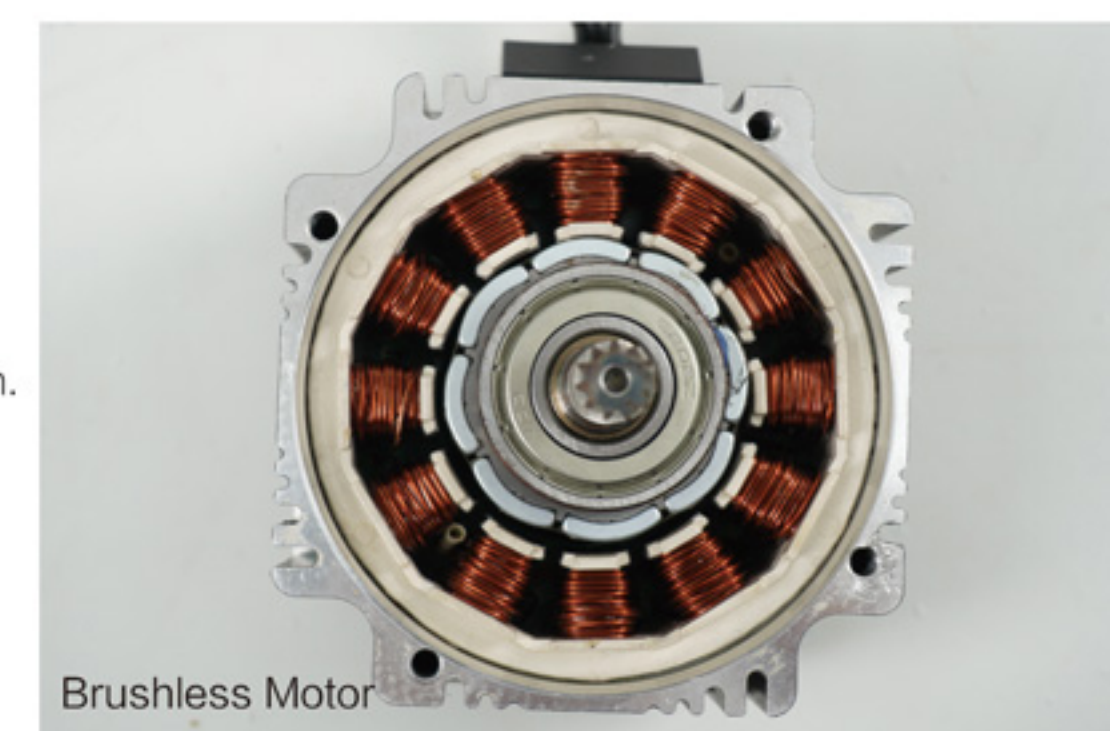
FUNCTIONS

1. Operation speed can be adjusted.
2. Slow up and slow down can be adjusted.
3. The limit angle can be adjusted.
4. Left and right direction can be quickly interchanged.
5. The barrier arm can be manually operated in case of power failure.
6. 418 frequency learning code anti-copy remote controller.
7. Infrared photocell sensor IO signal input function.
8. Loop detector and radar IO signal anti-collision signal input function.
9. Up, down and stop IO signal input function.
10. Counting (fleet) function.
11. LED light IO signal output function.
12. Traffic light IO signal output function.
13. Up and down in place, normally open and normally closed signal output function.
14. RS485 communication output function.
15. Delay arm drop function.
16. Arm auto-reverse function.
17. Automatic lifting function when power is off (requires additional power storage module).
18. IO port single-key cycle up and down function.
19. Loop detector normally open and normally closed function.
20. One car and one arm to prevent toll evasion function.
21. Anti-collision alarm function (requires additional fee, installation of alarm and sensor).
22. Fire linkage signal input function.
23. The IO port closes the signal input function.
24. 24V storage battery input function.

The 1st generation non-spring barrier gate is a breakthrough technology that solves the technical problem of traditional barrier gate requiring spring balance to operate smoothly and achieve sufficient torque. The 1st generation brushless non-spring barrier gate uses the latest developed inflatable arm, which is lightweight, fast in operation, and can ensure long-term stable operation even for long barrier arm. The inflatable arm also solves many other problems: 1. Convenient transportation (greatly reducing the cost of transportation); 2. Lightweight (greatly improving the lifetime of the barrier motor and reducing the failure rate, especially for non-spring motor with absolute advantages); 3. Not afraid of car collisions and typhoons damaging the barrier arm; 4. Truly achieving no harm to the car and people.; 5. Saves storage space and rent. The 1st generation brushless non-spring barrier gate adopts the industry's most fashionable square cabinet design, with integrated mechanical and electrical design, left and right direction can be quickly interchanged, four-level gear large speed ratio design, large torque and high efficiency, can bear 4.5m two fence arm, respond immediately at any angle without jerking. The high-power and high-torque permanent magnet rare earth DC brushless motor design, ultra-intelligent driver, and intelligent release of reverse voltage without damaging components can completely achieve a military-grade life span of more than 5 million times. The 1st generation non-spring barrier gate truly achieves safety, stability, reliability, durability, innovation, and high quality, and is an excellent choice for the high-end market!



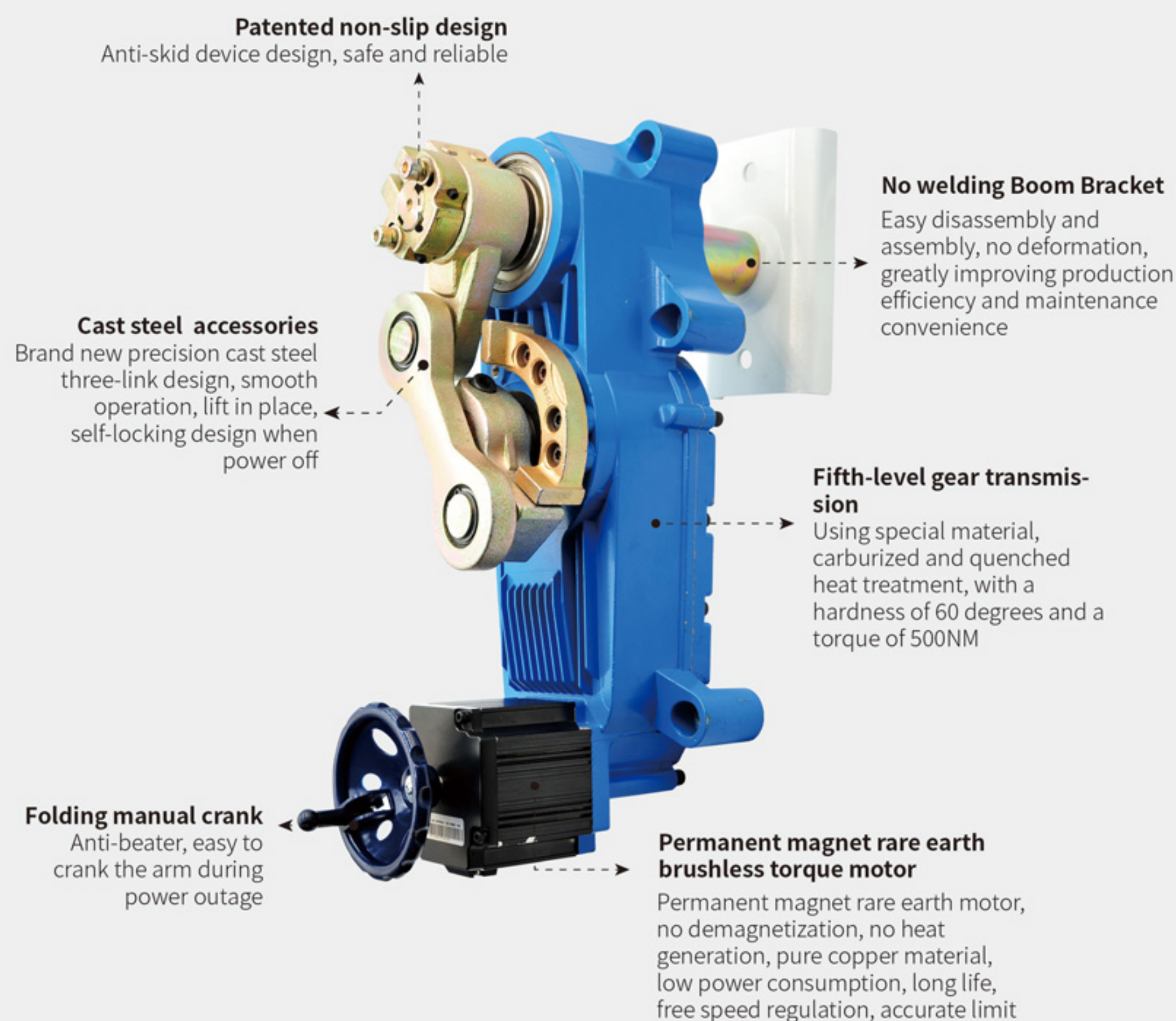
Permanent Rare Earth Magnet



Brushless Motor

2nd Generation Non-spring Motor

Patented product, all rights reserved
Patent No: CN3081000955



FUNCTIONS

1. Operation speed can be adjusted.
2. Slow up and slow down can be adjusted.
3. The limit angle can be adjusted.
4. Left and right direction can be quickly interchanged.
5. The barrier arm can be manually operated in case of power failure.
6. 418 frequency learning code anti-copy remote controller.
7. Infrared photocell sensor IO signal input function.
8. Loop detector and radar IO signal anti-collision signal input function.
9. Up, down and stop IO signal input function.
10. Counting (fleet) function.
11. LED light IO signal output function.
12. Traffic light IO signal output function.
13. Up and down in place, normally open and normally closed signal output function.
14. RS485 communication output function.
15. Delay arm drop function.
16. Arm auto-reverse function.
17. Automatic lifting function when power is off (requires additional power storage module).
18. IO port single-key cycle up and down function.
19. Loop detector normally open and normally closed function.
20. One car and one arm to prevent toll evasion function.
21. Anti-collision alarm function (requires additional fee, installation of alarm and sensor).
22. Fire linkage signal input function.
23. The IO port closes the signal input function.
24. 24V storage battery input function.

The 2nd generation brushless non-spring barrier gate is a breakthrough technology that solves the technical problem of traditional barrier gate requiring spring balance to operate smoothly and achieve sufficient torque. The 2nd generation brushless non-spring barrier gate uses the latest developed inflatable arm, which is lightweight, fast in operation, and can ensure long-term stable operation even for long barrier arm. The inflatable arm also solves many other problems: 1. Convenient transportation (greatly reducing the cost of transportation); 2. Lightweight (greatly improving the lifetime of the barrier motor and reducing the failure rate, especially for non-spring motor with absolute advantages); 3. Not afraid of car collisions and typhoons damaging the barrier arm; 4. Truly achieving no harm to the car and people.; 5. Saves storage space and rent. The 2nd generation brushless non-spring barrier gate adopts the industry's most fashionable design of a one-piece barrier housing without cover, with integrated mechanical and electrical design, left and right direction can be quickly interchanged, Fifth-level gear large speed ratio design, large torque and high efficiency, can bear 6m two fence arm, respond immediately at any angle without jerking. The high-power and high-torque permanent magnet rare earth DC brushless motor design, ultra-intelligent driver, and intelligent release of reverse voltage without damaging components can completely achieve a military-grade life span of more than 5 million times. Truly achieve high-end products that are safe, stable, reliable, durable, innovative, and of high quality!



1st Generation Non-spring Barrier Gate

DZ-2228

Patented product,all rights reserved
Patent No: CN214061392U
CN111636333A



PRODUCT PARAMETER

Product Name	1st Generation Non-spring Barrier Gate	1st Generation Non-spring Barrier Gate
Product Model	DZ-2228	DZ-2228
Product Size	280×280×975 (mm)	280×280×975 (mm)
Working Temperature	-35℃~+65℃	-35℃~+65℃
Power Supply	DC24V/AC110V/220V 50/60Hz	DC24V/AC110V/220V 50/60Hz
Running Speed	1.2s~3s (Adjustable)	2.5s~6s (Adjustable)
Rated Power	200W	200W
Driving Method	DC Brushless Motor	DC Brushless Motor
Humidity	≤90%	≤90%
Remote Control Distance	≤100m (Open & Sunny Weather)	≤100m (Open & Sunny Weather)
Protection Class	IP54	IP54
Motor No-load Speed	1850r/min	1850r/min
Adaptable Boom Length	4.5m	6m

2nd Generation Non-spring Barrier Gate

DZ-2311

Patented product,all rights reserved
Patent No: CN214061392U
CN308219543S

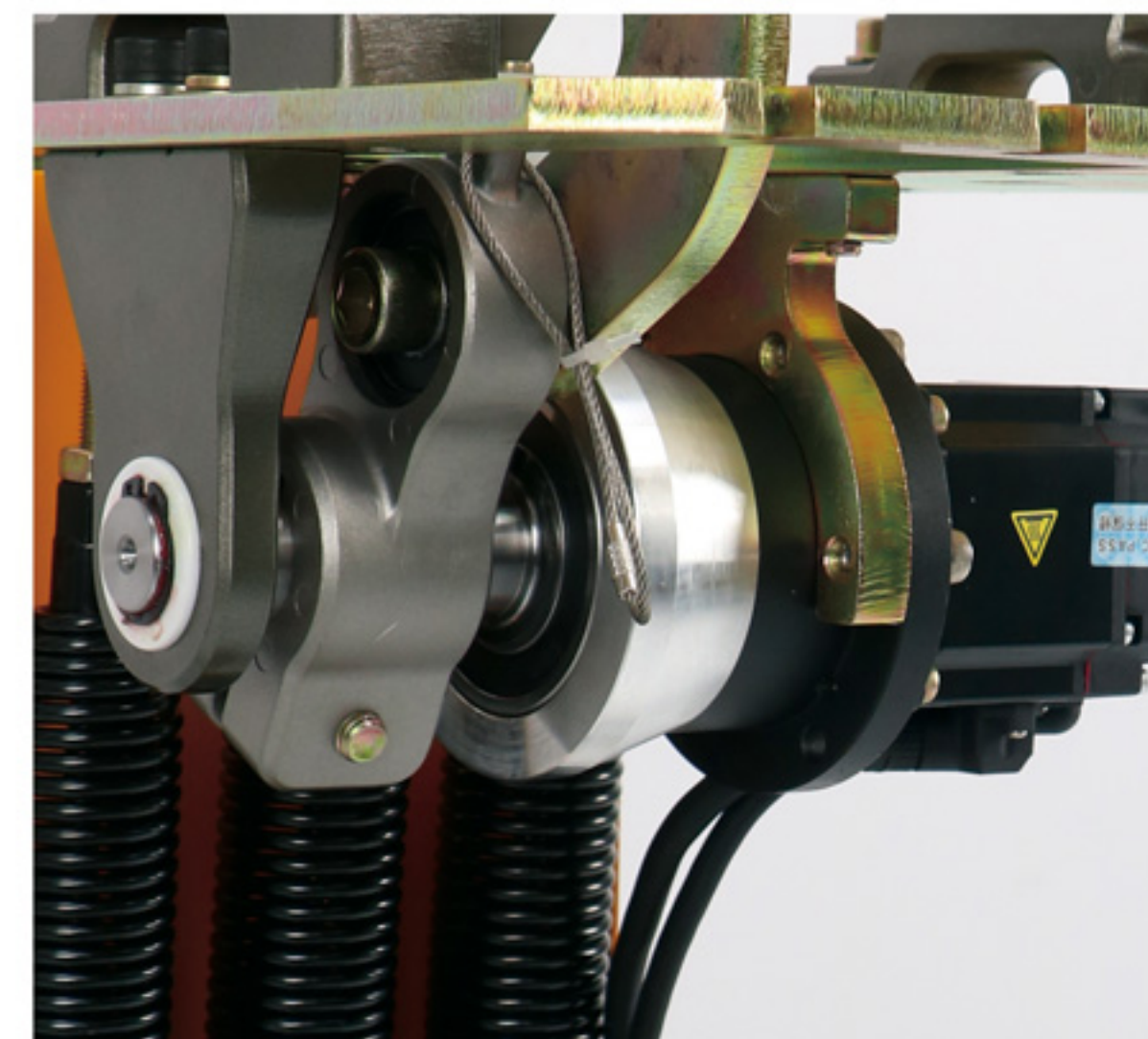
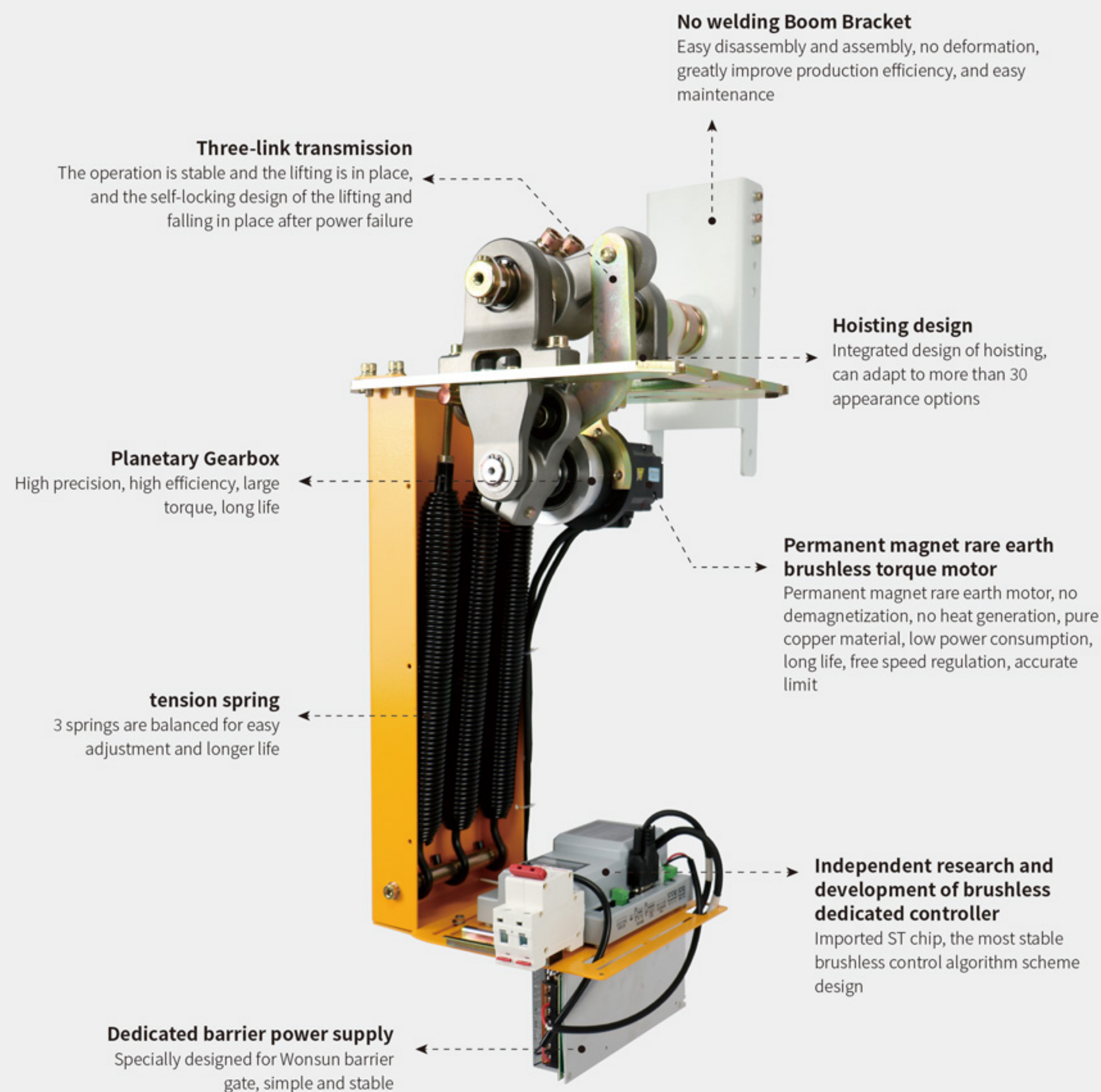


PRODUCT PARAMETER

Product Name	2nd Generation Non-spring Barrier Gate
Product Model	DZ-2311
Product Size	300×288×1000 (mm)
Working Temperature	-35℃~+65℃
Power Supply	DC24V/AC110V/220V 50/60Hz
Running Speed	6s~17s
Rated Power	350W
Driving Method	DC Brushless Motor
Humidity	≤90%
Remote Control Distance	≤100m (Open & Sunny Weather)
Protection Class	IP54
Motor No-load Speed	1850r/min
Adaptable Boom Length	6m~8m

1st Generation DC Brushless Motor

Patented product, all rights reserved

Patent No: CN306679104S
CN214061392U
CN208633012U**FUNCTIONS**

1. Operation speed can be adjusted.
2. Slow up and slow down can be adjusted.
3. The limit angle can be adjusted.
4. Left and right direction can be quickly interchanged.
5. The barrier arm can be manually operated in case of power failure.
6. 418 frequency learning code anti-copy remote controller.
7. Infrared photocell sensor IO signal input function.
8. Loop detector and radar IO signal anti-collision signal input function.
9. Up, down and stop IO signal input function.
10. Counting (fleet) function.
11. LED light IO signal output function.
12. Traffic light IO signal output function.
13. Up and down in place, normally open and normally closed signal output function.
14. RS485 communication output function.
15. Delay arm drop function.
16. Arm auto-reverse function.
17. Automatic lifting function when power is off (requires additional power storage module).
18. IO port single-key cycle up and down function.
19. Loop detector normally open and normally closed function.
20. One car and one arm to prevent toll evasion function.
21. Anti-collision alarm function (requires additional fee, installation of alarm and sensor).
22. Fire linkage signal input function.
23. The IO port closes the signal input function.
24. 24V storage battery input function.

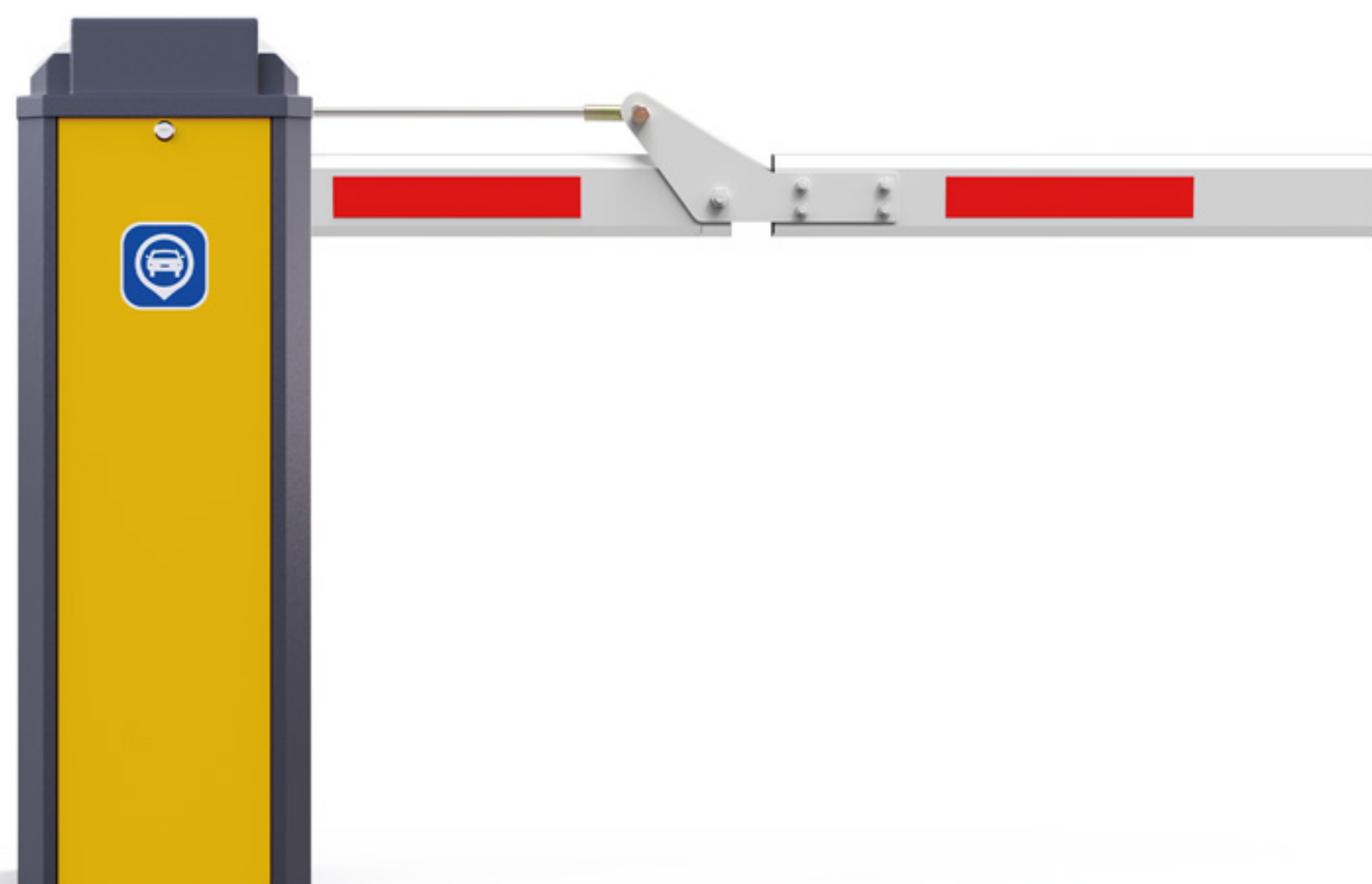
WONSUN 1st generation DC brushless motor gate adopts integrated design and mold manufacturing with international leading technology, compact structure, high precision, high consistency and standardization, and use planetary reducer transmission, high efficiency, long life, no oil leakage, no blocking, low noise, the motor adopts 24V permanent magnet rare earth synchronous Brushless motor, small size, low power consumption, large torque, wide speed regulation, no heat, small penetration, precise limit, etc., using digital signal processor (DSP) as the control core, it can realize more complex algorithms, realize network and intelligence, (IPM) internal integrated drive circuit can detect faults and display fault codes to quickly solve fault problems. The three-bar linkage design of the machine core makes rapid rise and stable fall. Using solar charging applications, it is suitable for unmanned occasions such as railway crossings, fire passages, oil stations, mine tunnels, etc., without electricity, and fully realizes automatic operation control.



1st Generation DC Brushless Barrier Gate

DZ-2129

Patented product,all rights reserved

Patent No: CN307210402S
CN306906266S
CN214695319U

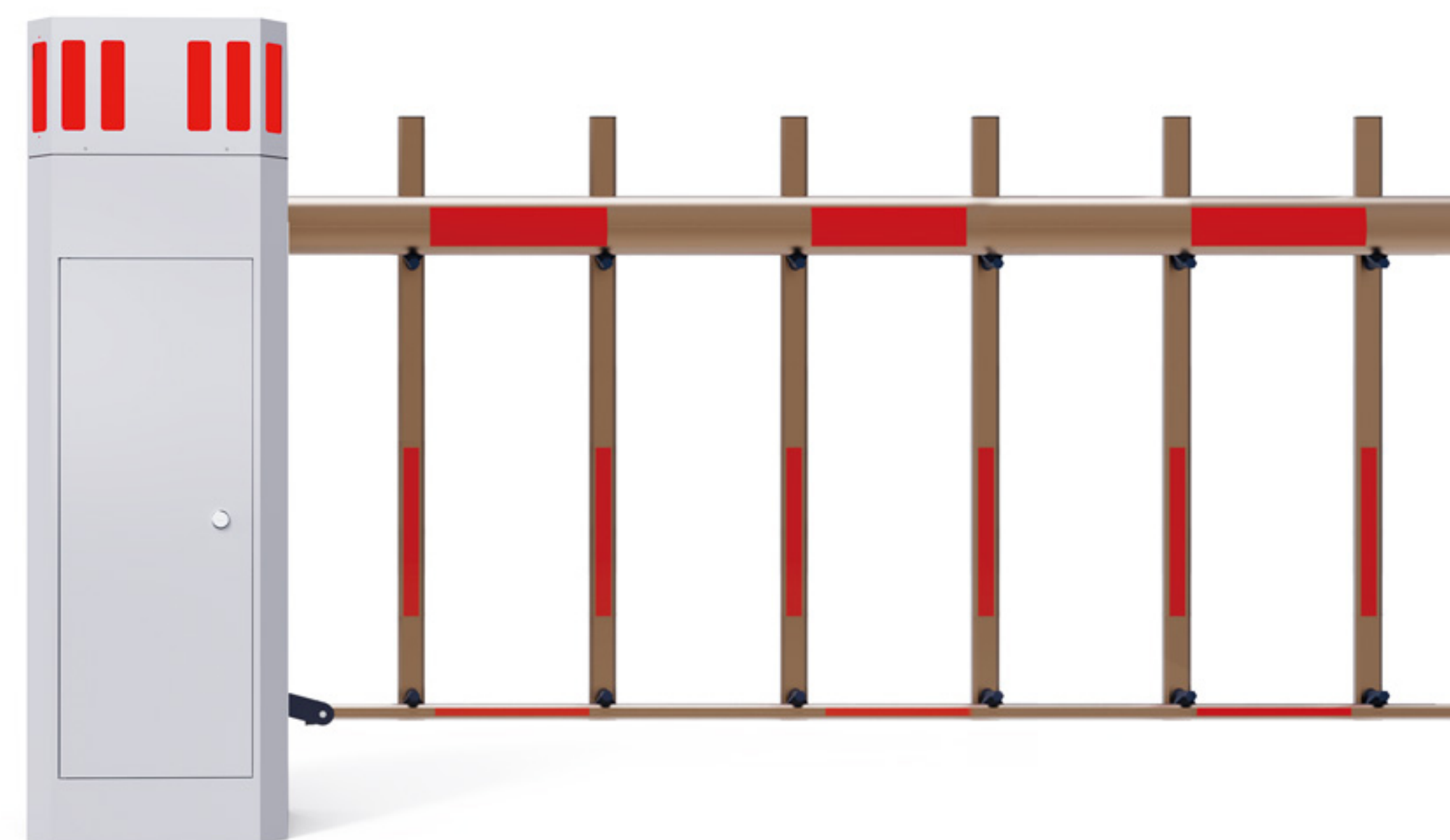
PRODUCT PARAMETER

Product Name	1st Generation DC Brushless Barrier Gate
Product Model	DZ-2129
Product Size	340×300×1047 (mm)
Working Temperature	-35℃~+65℃
Power Supply	DC24V/AC110V/220V 50/60Hz
Running Speed	1.5s~6s
Rated Power	200W
Driving Method	DC Brushless Motor
Humidity	≤90%
Remote Control Distance	≤100m (Open & Sunny Weather)
Protection Class	IP54
Motor No-load Speed	2000r/min
Adaptable Boom Length	3m~6m

1st Generation DC Brushless Barrier Gate

DZ-912

Patented product,all rights reserved

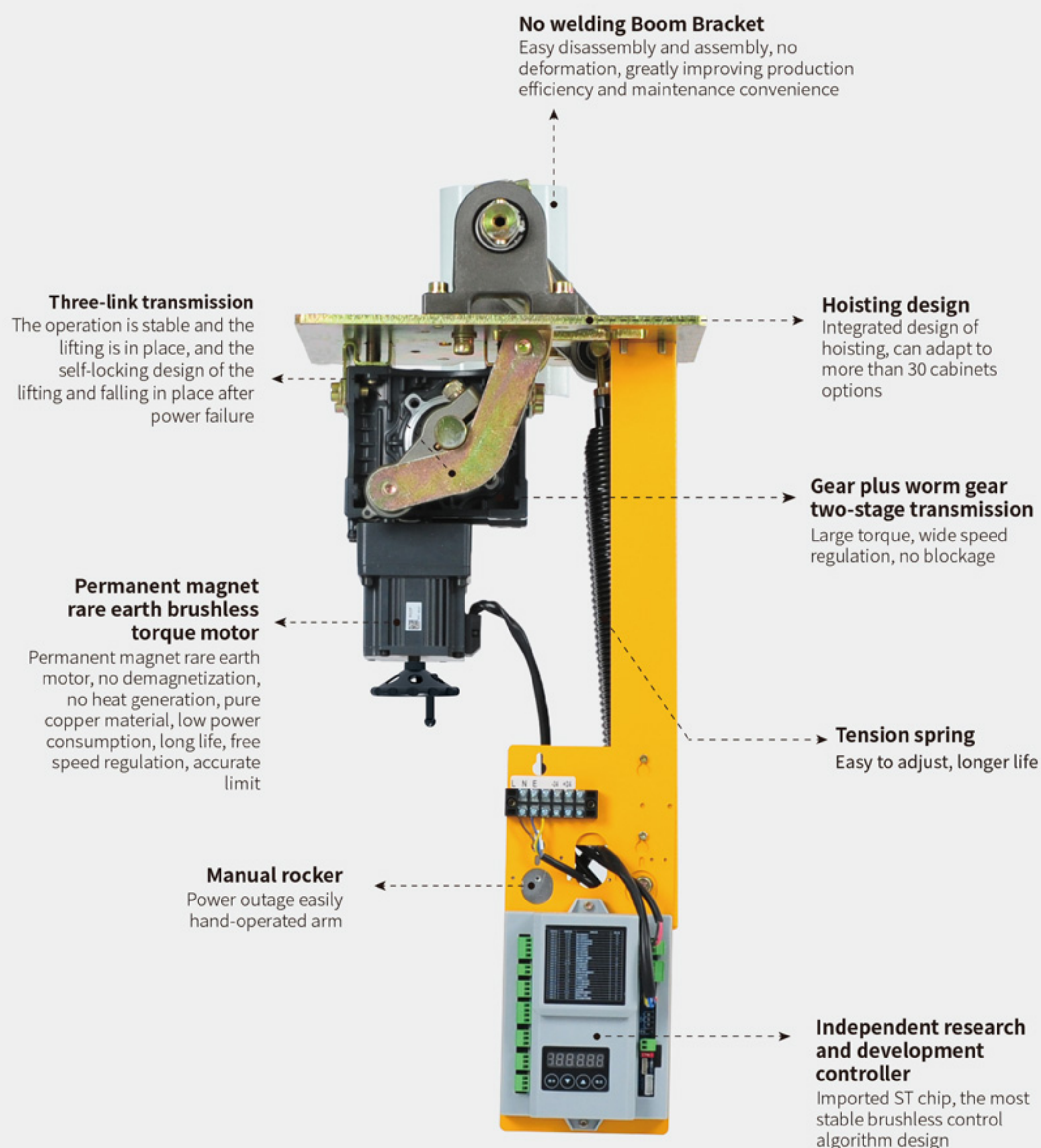
Patent No: CN306678181S
CN208933856U

PRODUCT PARAMETER

Product Name	1st Generation DC Brushless Barrier Gate
Product Model	DZ-912
Product Size	340×298×928 (mm)
Working Temperature	-35℃~+65℃
Power Supply	DC24V/AC110V/220V 50/60Hz
Running Speed	1.5s~6s
Rated Power	200W
Driving Method	DC Brushless Motor
Humidity	≤90%
Remote Control Distance	≤100m (Open & Sunny Weather)
Protection Class	IP54
Motor No-load Speed	2000r/min
Adaptable Boom Length	3m~6m

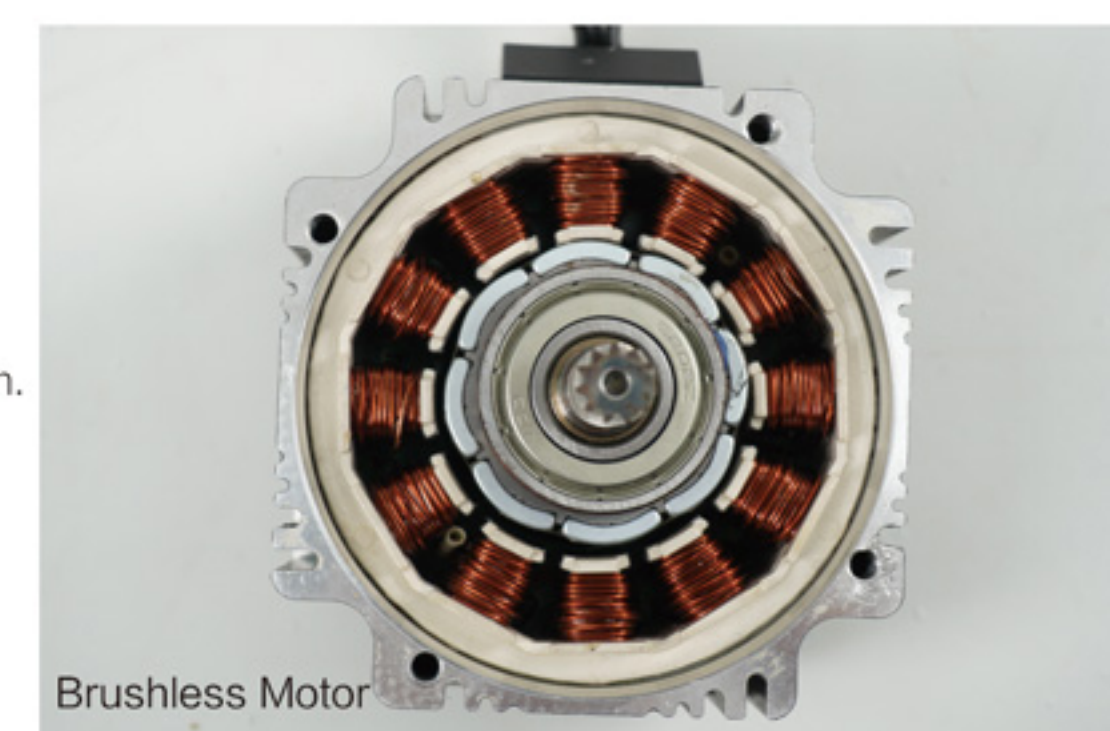
2nd Generation DC Brushless Motor

Patented product, all rights reserved
Patent No: CN3066781745

**FUNCTIONS**

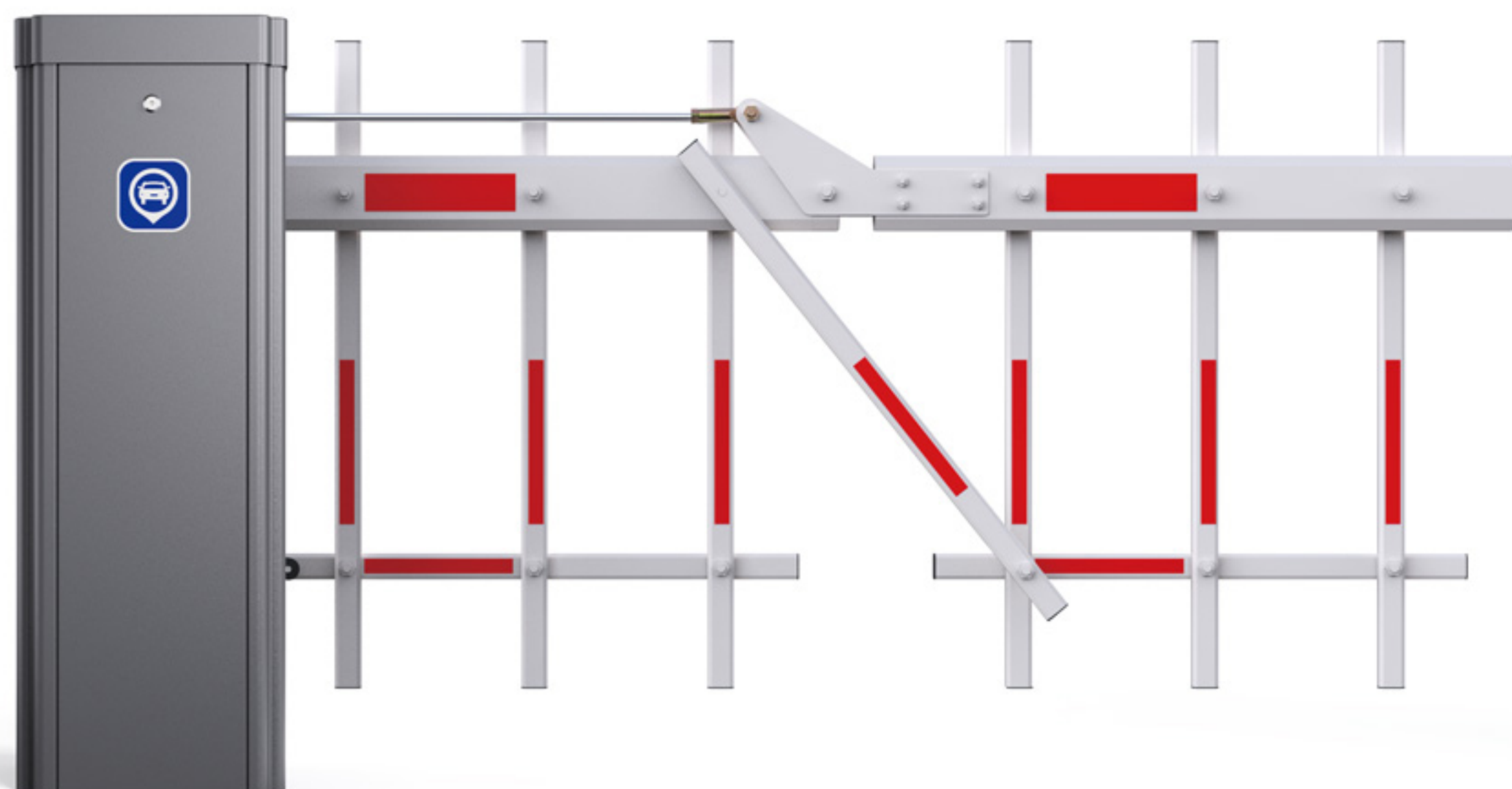
1. Operation speed can be adjusted.
2. Slow up and slow down can be adjusted.
3. The limit angle can be adjusted.
4. Left and right direction can be quickly interchanged.
5. The barrier arm can be manually operated in case of power failure.
6. 418 frequency learning code anti-copy remote controller.
7. Infrared photocell sensor IO signal input function.
8. Loop detector and radar IO signal anti-collision signal input function.
9. Up, down and stop IO signal input function.
10. Counting (fleet) function.
11. LED light IO signal output function.
12. Traffic light IO signal output function.
13. Up and down in place, normally open and normally closed signal output function.
14. RS485 communication output function.
15. Delay arm drop function.
16. Arm auto-reverse function.
17. Automatic lifting function when power is off (requires additional power storage module).
18. IO port single-key cycle up and down function.
19. Loop detector normally open and normally closed function.
20. One car and one arm to prevent toll evasion function.
21. Anti-collision alarm function (requires additional fee, installation of alarm and sensor).
22. Fire linkage signal input function.
23. The IO port closes the signal input function.
24. 24V storage battery input function.

1. Advanced mechatronics hoisting design concept: Structure compact, quickly assembly, easy maintenance.
2. Molding production: high precision, fast efficiency and guaranteed quality.
3. Worm-gear secondary variable speed transmission: high precision, long lifetime, motor wheel design, gate opening by manually when power off, no blocking, no oil leakage, large torque, low noise, can normally operation at the temperature of -35°C etc.
4. DC brushless motor design: low consumption, high efficiency, no overheat, wide speed adjustment.
5. Hall limit: automatically detects the limit when power on without debugging, detecting the motor speed at all times and running at constant speed, running stable.
6. New curved triple connecting rod structure, easy to adjust.
7. Arm direction quickly interchanged: interchanged according to different directions on construction site, reduce inventory and capital pressure.
8. Special DC brushless controller: use integrated chip drive, fast processing speed, large memory, powerful function, high degree of automation; 24V low voltage power supply, adapt to global voltage, safe and reliable.



2nd Generation DC Brushless Barrier Gate

DZ-860

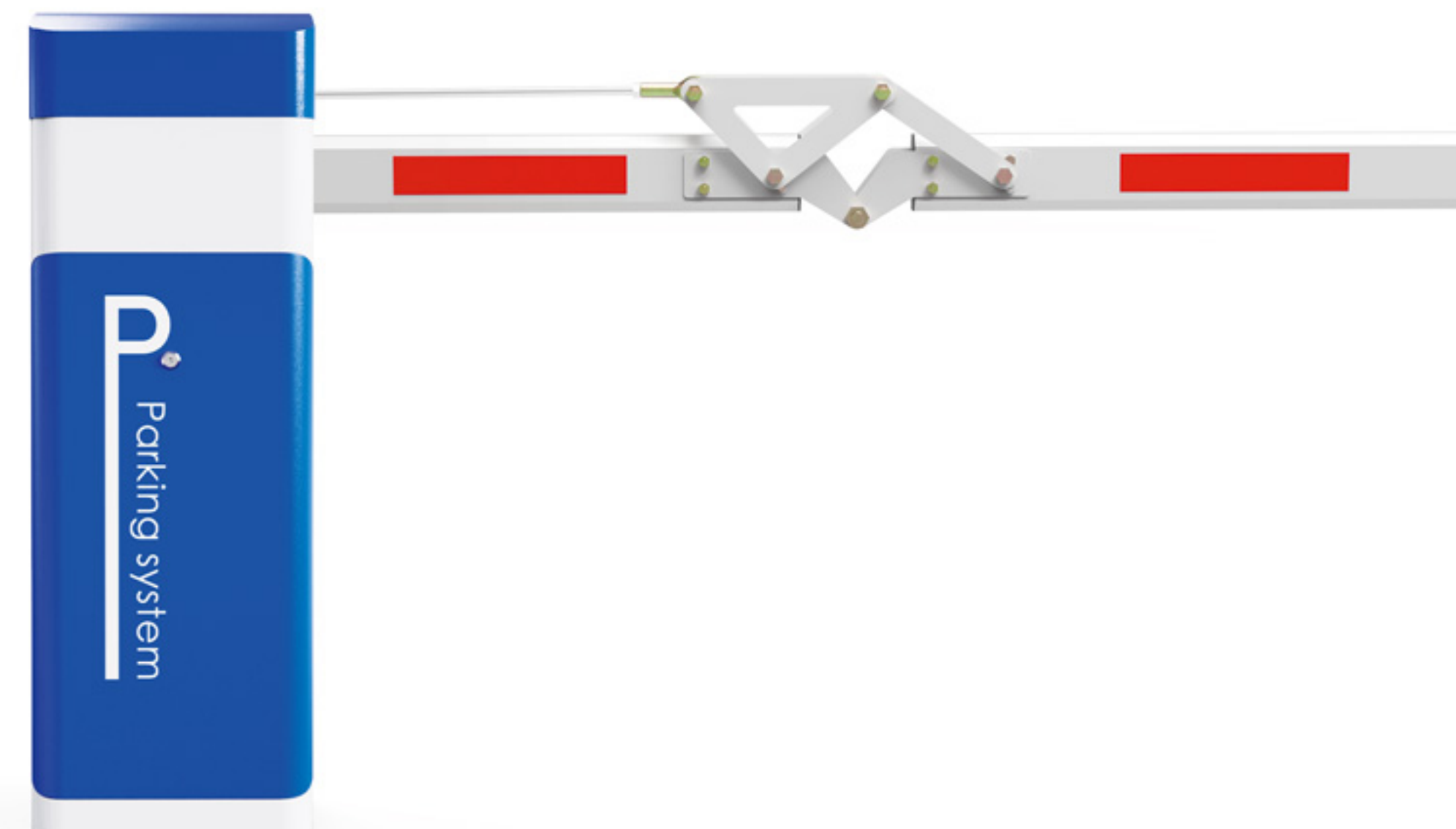
Patented product,all rights reserved
Patent No: CN214883203U

PRODUCT PARAMETER

Product Name	2nd Generation DC Brushless Barrier Gate
Product Model	DZ-860
Product Size	335×285×930 (mm)
Working Temperature	-35℃~+65℃
Power Supply	DC24V/AC110V/220V 50/60Hz
Running Speed	1.5s~6s
Rated Power	160W
Driving Method	DC Brushless Motor
Humidity	≤90%
Remote Control Distance	≤100m (Open & Sunny Weather)
Protection Class	IP54
Motor No-load Speed	1850r/min
Adaptable Boom Length	3m~6m

2nd Generation DC Brushless Barrier Gate

DZ-132



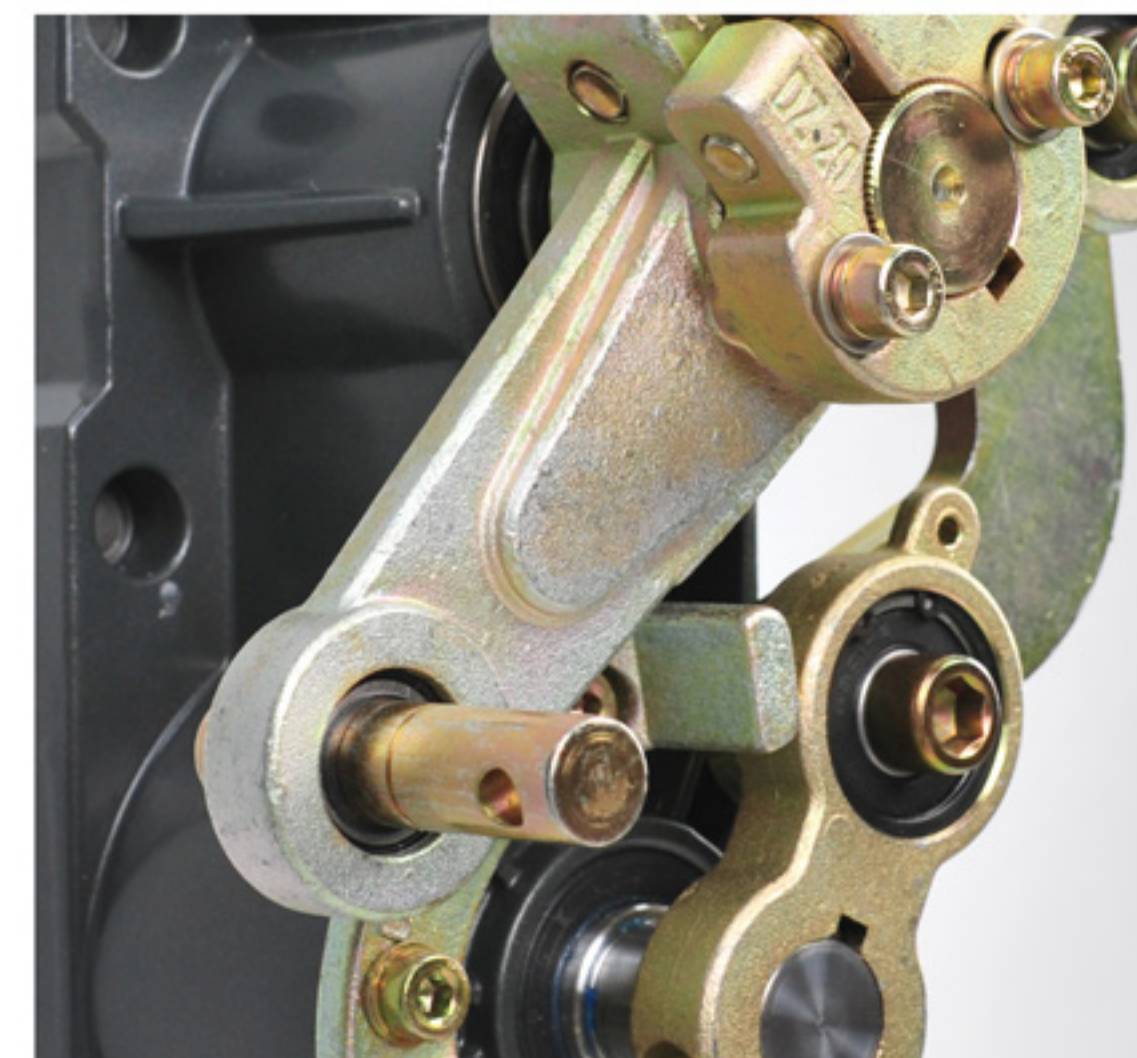
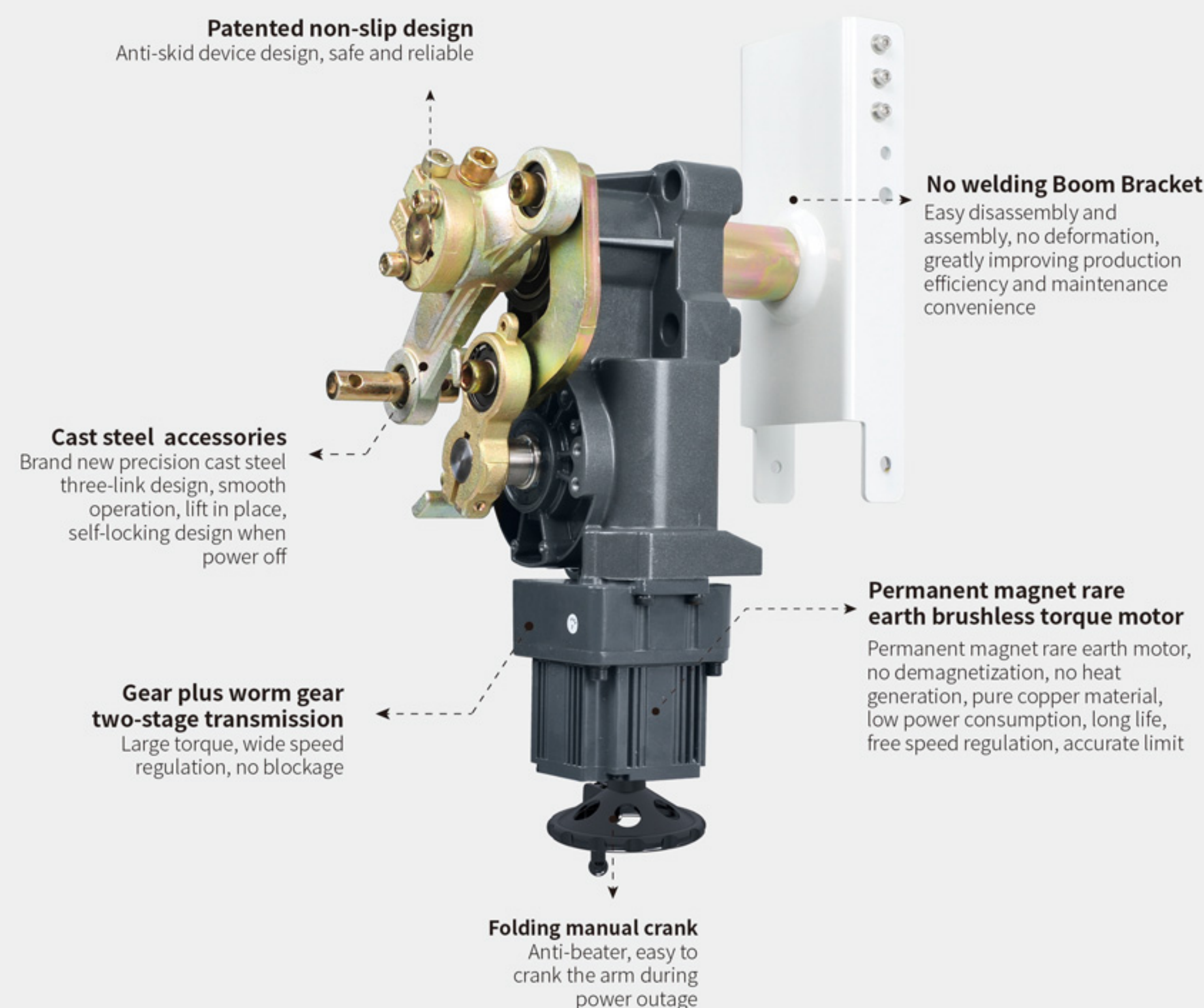
PRODUCT PARAMETER

Product Name	2nd Generation DC Brushless Barrier Gate
Product Model	DZ-132
Product Size	343×300×1001 (mm)
Working Temperature	-35℃~+65℃
Power Supply	DC24V/AC110V/220V 50/60Hz
Running Speed	1.5s~6s
Rated Power	160W
Driving Method	DC Brushless Motor
Humidity	≤90%
Remote Control Distance	≤100m (Open & Sunny Weather)
Protection Class	IP54
Motor No-load Speed	1850r/min
Adaptable Boom Length	3m~6m

3rd Generation DC Brushless Motor

Patented product, all rights reserved

Patent No: CN306602670S

**FUNCTIONS**

1. Operation speed can be adjusted.
2. Slow up and slow down can be adjusted.
3. The limit angle can be adjusted.
4. Left and right direction can be quickly interchanged.
5. The barrier arm can be manually operated in case of power failure.
6. 418 frequency learning code anti-copy remote controller.
7. Infrared photocell sensor IO signal input function.
8. Loop detector and radar IO signal anti-collision signal input function.
9. Up, down and stop IO signal input function.
10. Counting (fleet) function.
11. LED light IO signal output function.
12. Traffic light IO signal output function.
13. Up and down in place, normally open and normally closed signal output function.
14. RS485 communication output function.
15. Delay arm drop function.
16. Arm auto-reverse function.
17. Automatic lifting function when power is off (requires additional power storage module).
18. IO port single-key cycle up and down function.
19. Loop detector normally open and normally closed function.
20. One car and one arm to prevent toll evasion function.
21. Anti-collision alarm function (requires additional fee, installation of alarm and sensor).
22. Fire linkage signal input function.
23. The IO port closes the signal input function.
24. 24V storage battery input function.

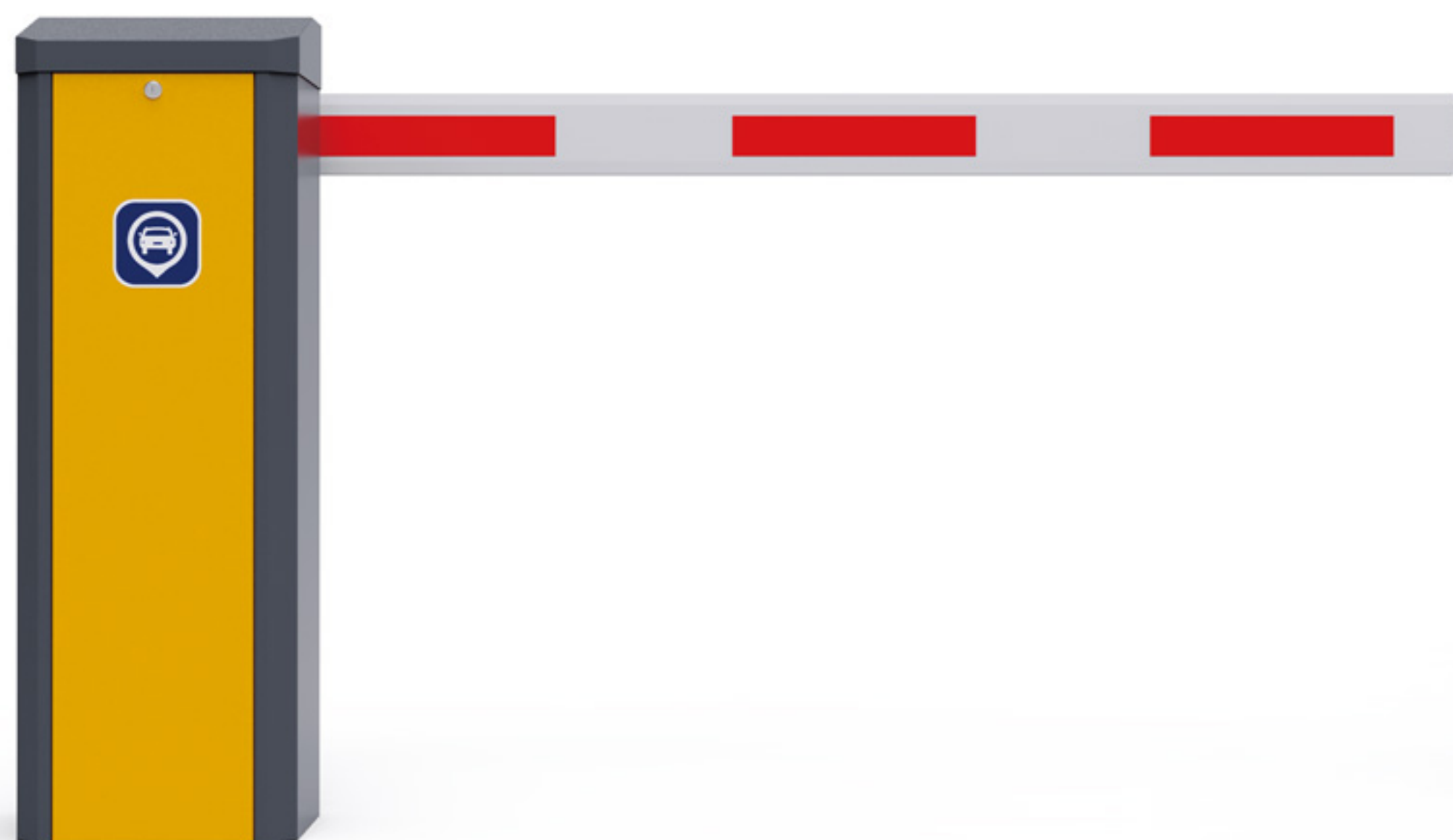
1. Advanced mechatronics Side-mounted design concept: structure compact, quickly assembly, easy maintenance.
2. Molding production: high precision, fast efficiency and guaranteed quality.
3. Worm-gear secondary variable speed transmission: high precision, long lifetime, motor wheel design, gate opening by manually when power off, no blocking, no oil leakage, large torque, low noise, can normally operation at the temperature of -35 °C etc.
4. DC brushless motor design: low consumption, high efficiency, no overheat, wide speed adjustment.
5. Hall limit: automatically detects the limit when power on without debugging, detecting the motor speed at all times and running at speed and stable.
6. Curved triple connecting rod structure design concept, makes arm in vertical and horizontal position, easy to adjust the arm balance, avoid to lift arm violently.
7. Arm direction quickly interchanged: interchanged according to different directions on construction site, reduce inventory and capital pressure.
8. Advanced DC brushless controller: use integrated chip drive, fast processing speed, large memory, good control effect, powerful function, high degree of automation; 24V low voltage power supply, adapt to global voltage, safe and reliable.



3rd Generation DC Brushless Barrier Gate

DZ-830

Patented product,all rights reserved

Patent No: CN306678176S
CN215829314U

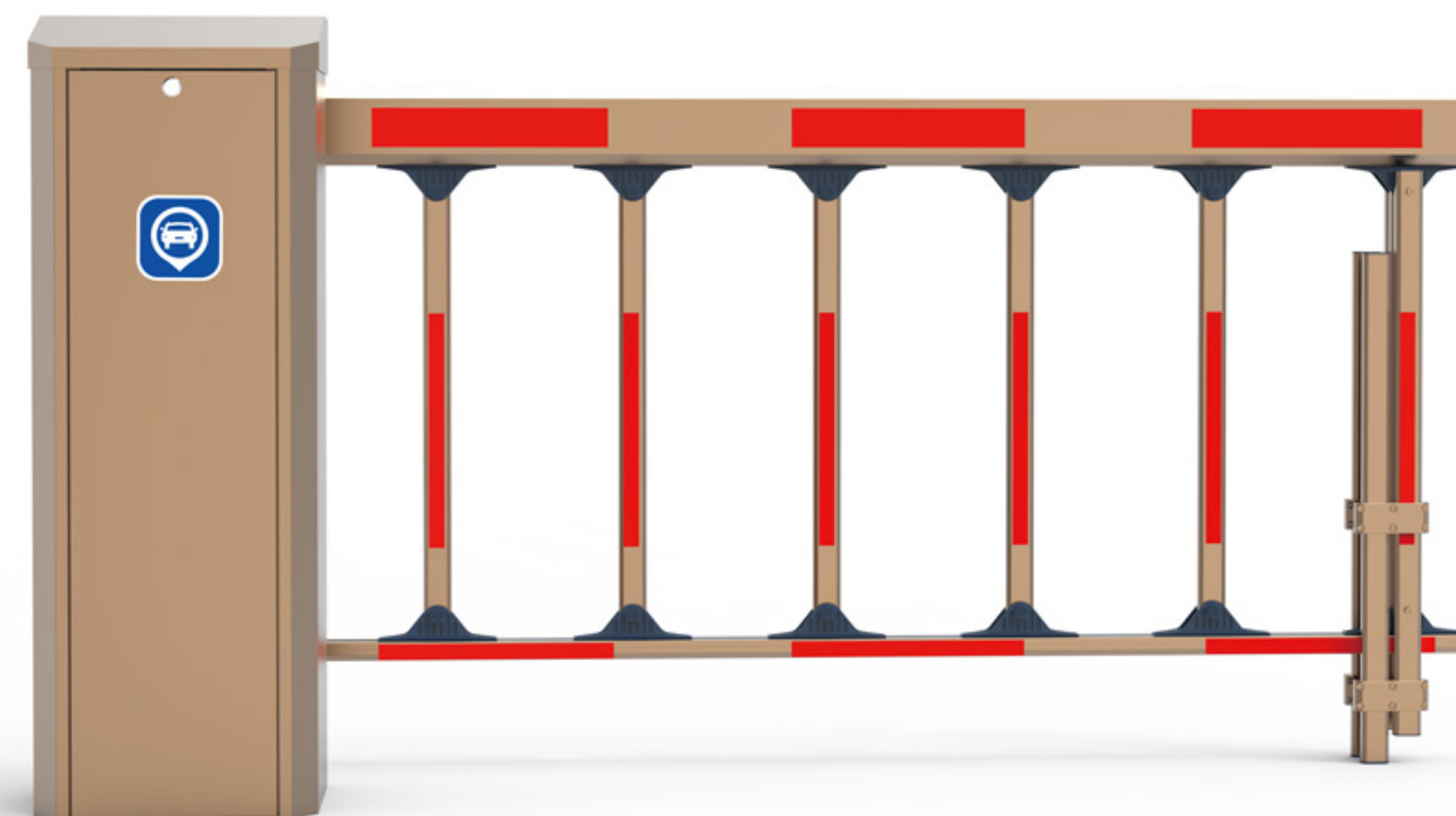
PRODUCT PARAMETER

Product Name	3rd Generation DC Brushless Barrier Gate
Product Model	DZ-830
Product Size	343×300×950 (mm)
Working Temperature	-35℃~+65℃
Power Supply	DC24V/AC110V/220V 50/60Hz
Running Speed	1.5s~6s
Rated Power	160W
Driving Method	DC Brushless Motor
Humidity	≤90%
Remote Control Distance	≤100m (Open & Sunny Weather)
Protection Class	IP54
Motor No-load Speed	1850r/min
Adaptable Boom Length	3m~6m

3rd Generation DC Brushless Barrier Gate

DZ-830-B

Patented product,all rights reserved

Patent No: CN306678176S
CN215829314U

PRODUCT PARAMETER

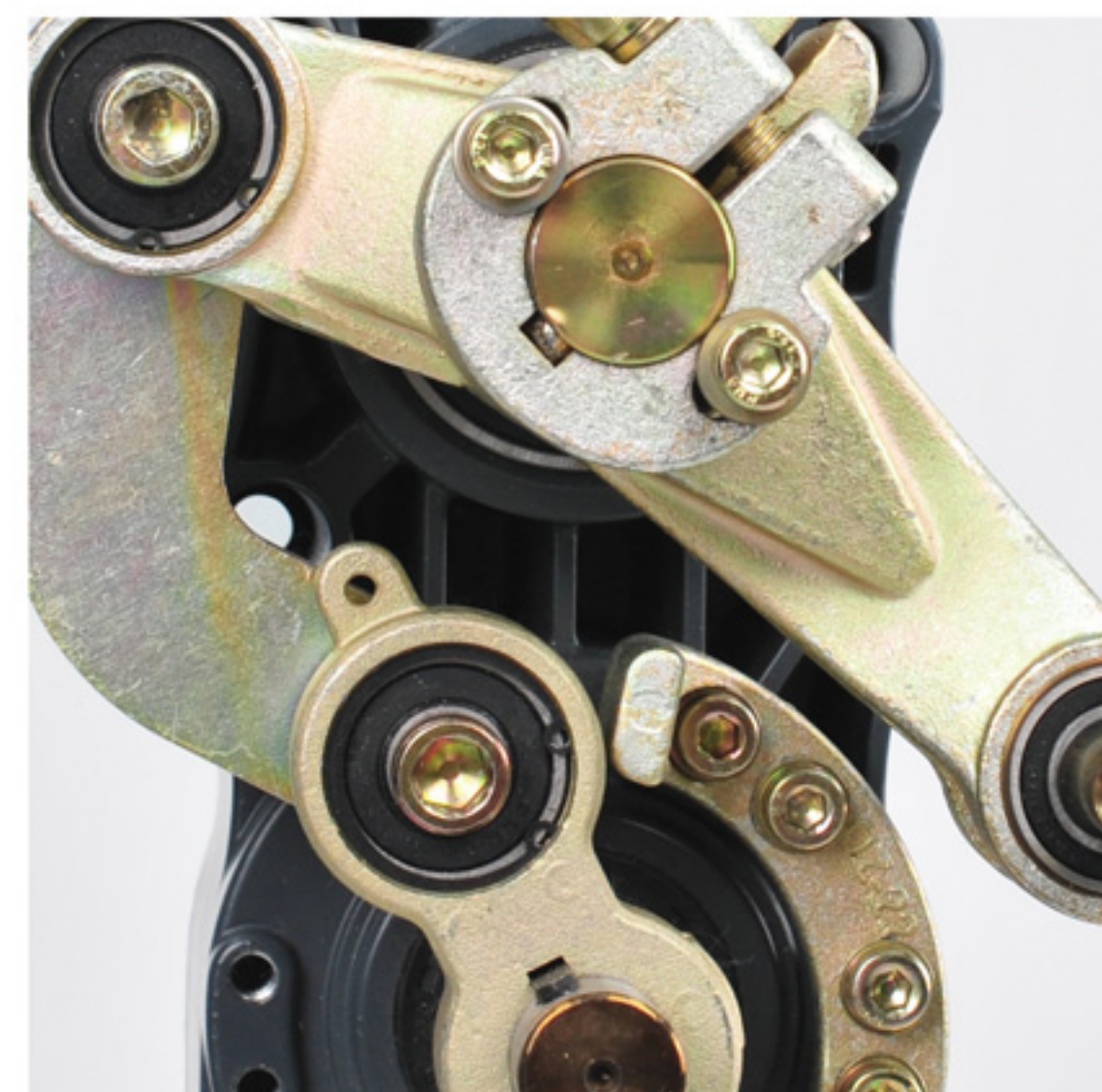
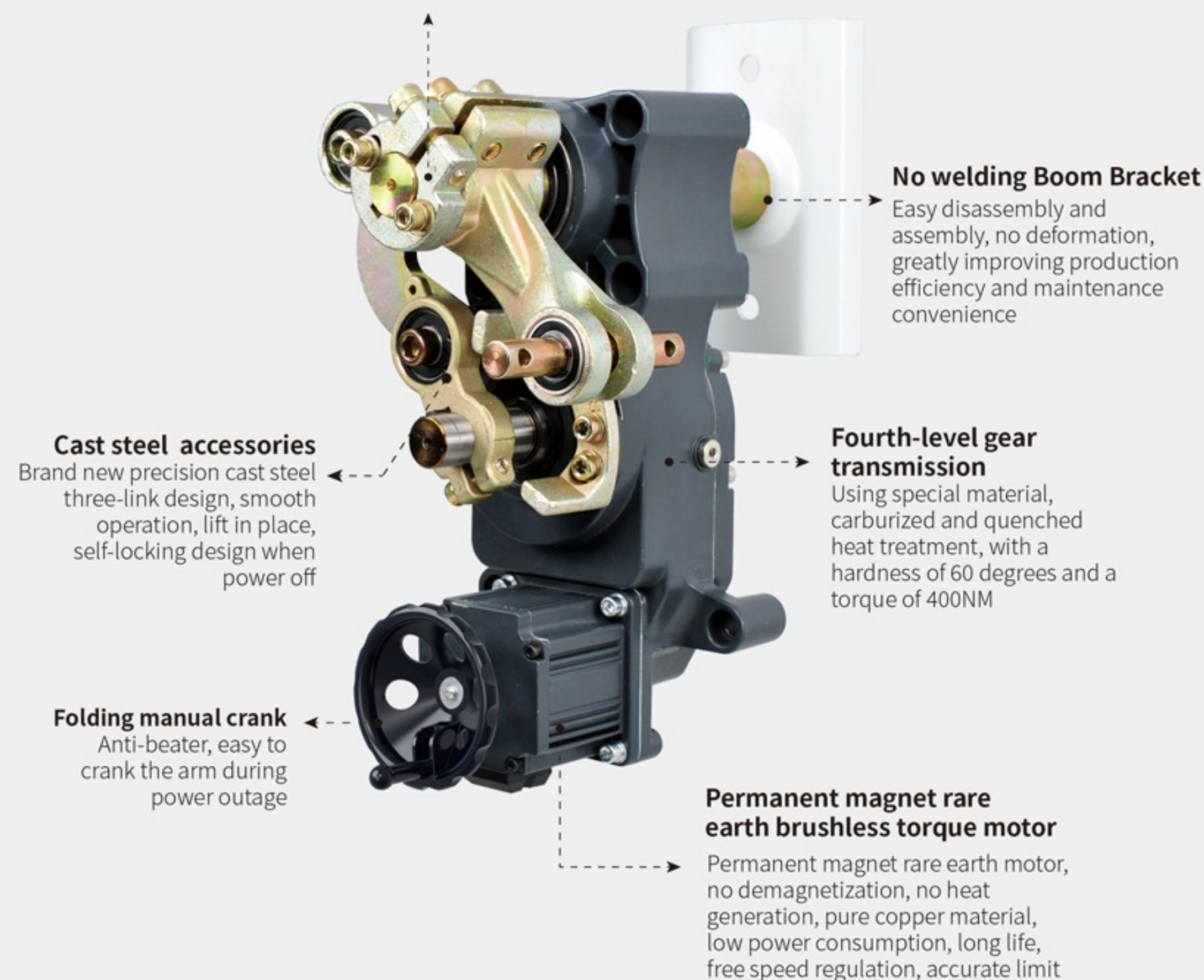
Product Name	3rd Generation DC Brushless Barrier Gate
Product Model	DZ-830-B
Product Size	343×300×950 (mm)
Working Temperature	-35℃~+65℃
Power Supply	DC24V/AC110V/220V 50/60Hz
Running Speed	1.5s~6s
Rated Power	160W
Driving Method	DC Brushless Motor
Humidity	≤90%
Remote Control Distance	≤100m (Open & Sunny Weather)
Protection Class	IP54
Motor No-load Speed	1850r/min
Adaptable Boom Length	3m~6m

4th Generation DC Brushless Motor

Patented product, all rights reserved
Patent No: CN3066026695

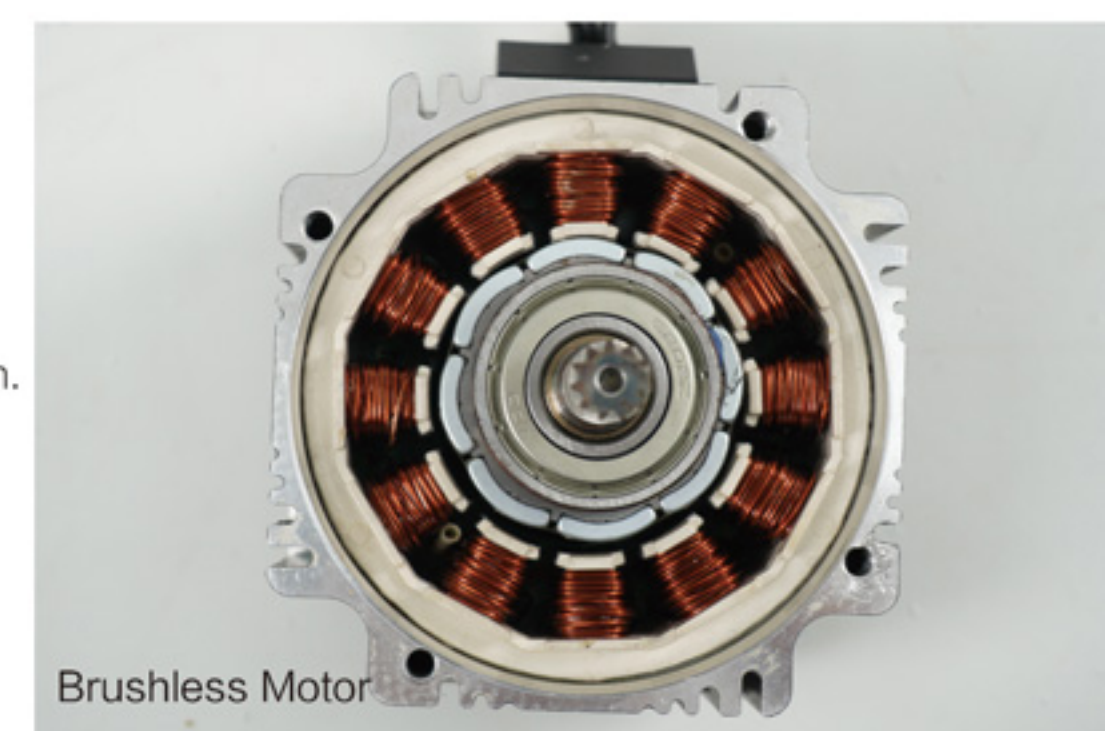
Patented non-slip design

Anti-skid device design, safe and reliable

**FUNCTIONS**

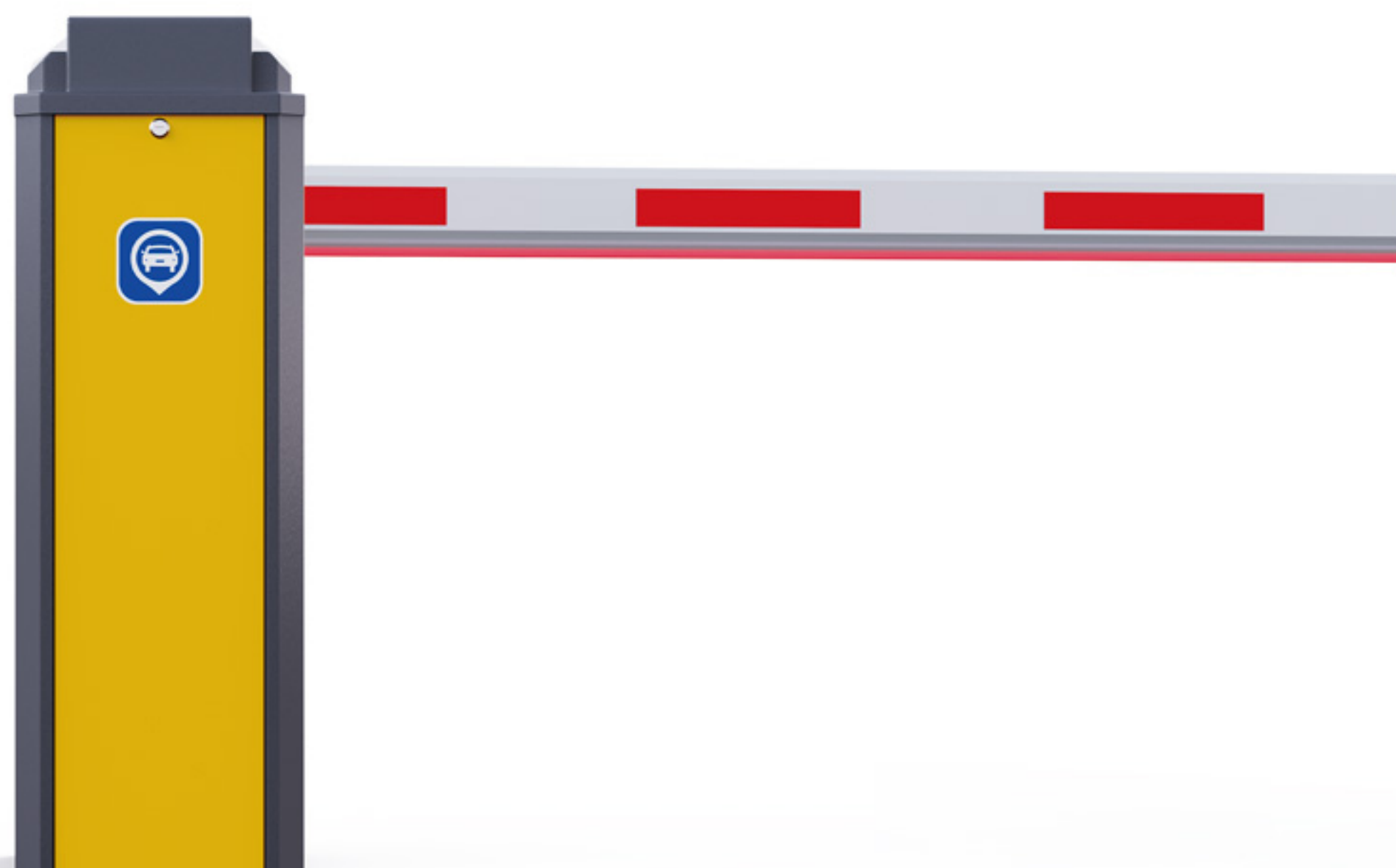
1. Operation speed can be adjusted.
2. Slow up and slow down can be adjusted.
3. The limit angle can be adjusted.
4. Left and right direction can be quickly interchanged.
5. The barrier arm can be manually operated in case of power failure.
6. 418 frequency learning code anti-copy remote controller.
7. Infrared photocell sensor IO signal input function.
8. Loop detector and radar IO signal anti-collision signal input function.
9. Up, down and stop IO signal input function.
10. Counting (fleet) function.
11. LED light IO signal output function.
12. Traffic light IO signal output function.
13. Up and down in place, normally open and normally closed signal output function.
14. RS485 communication output function.
15. Delay arm drop function.
16. Arm auto-reverse function.
17. Automatic lifting function when power is off (requires additional power storage module).
18. IO port single-key cycle up and down function.
19. Loop detector normally open and normally closed function.
20. One car and one arm to prevent toll evasion function.
21. Anti-collision alarm function (requires additional fee, installation of alarm and sensor).
22. Fire linkage signal input function.
23. The IO port closes the signal input function.
24. 24V storage battery input function.

1. Advanced mechatronics Side-mounted design concept: structure compact, quickly assembly, easy maintenance.
2. Molding production: high precision, fast efficiency and guaranteed quality.
3. Advanced worm-gear three-stage speed transmission: high precision, long lifetime, no blocking, no oil leakage, large torque, low noise, can normally operation at the temperature of -35°C etc.
4. DC brushless motor design: low consumption, high efficiency, no overheat, wide speed adjustment, make arm open and close fast and stable.
5. Hall limit: automatically detects the limit when power on without debugging, high precision, detecting the motor speed at all times and running at constant and stable speed.
6. New design concept of arc-shaped three-link structure, which prevents the rod from sagging, warping or lifting, makes it more convenient to adjust the balance, and simpler to adjust the level.
7. Arm direction quickly interchanged: interchanged according to different directions on construction site, reduce inventory and capital pressure.
8. Advanced DC brushless controller: use integrated chip drive, fast processing speed, large memory, good control effect, powerful function, high degree of automation; 24V low voltage power supply, adapt to global voltage, safe and reliable.



4th Generation DC Brushless Barrier Gate

DZ-2129

Patented product,all rights reserved
Patent No: CN307210402S

PRODUCT PARAMETER

Product Name	4th Generation DC Brushless Barrier	4th Generation DC Brushless Barrier
Product Model	DZ-2129	DZ-2129
Product Size	340×300×1047 (mm)	340×300×1047 (mm)
Working Temperature	-35℃~+65℃	-35℃~+65℃
Power Supply	DC24V/AC110V/220V 50/60Hz	DC24V/AC110V/220V 50/60Hz
Running Speed	1.2s~3s (Adjustable)	2.5s~6s (Adjustable)
Rated Power	160W	160W
Driving Method	DC Brushless Motor	DC Brushless Motor
Humidity	≤90%	≤90%
Remote Control Distance	≤100m (Open & Sunny Weather)	≤100m (Open & Sunny Weather)
Protection Class	IP54	IP54
Motor No-load Speed	1850r/min	1850r/min
Adaptable Boom Length	3m~4.5m	6m~8m

4th Generation DC Brushless Barrier Gate

DZ-2211Z

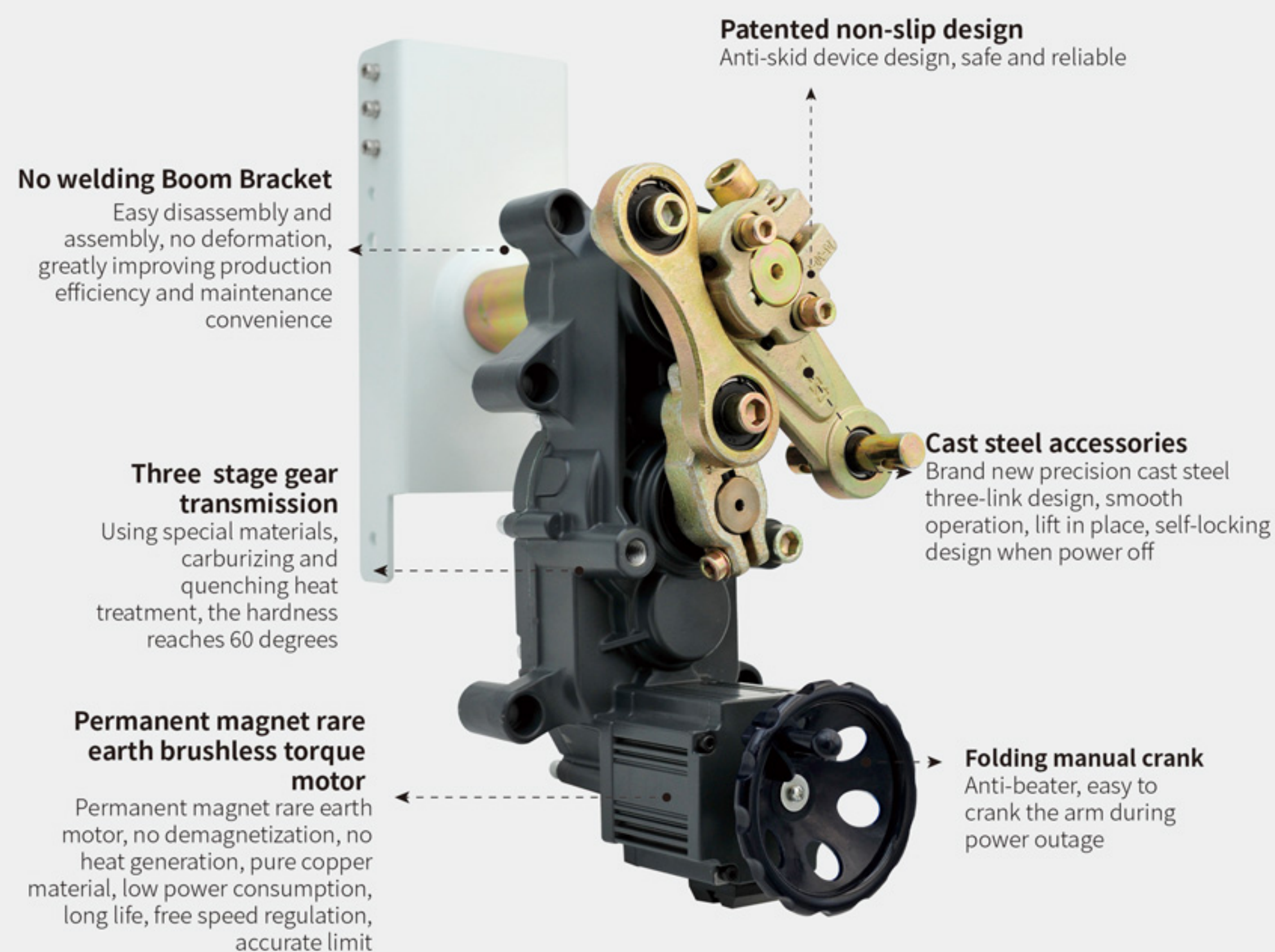
Patented product,all rights reserved
Patent No: CN114108519A

PRODUCT PARAMETER

Product Name	4th Generation DC Brushless Barrier	4th Generation DC Brushless Barrier
Product Model	DZ-2211Z	DZ-2211Z
Product Size	320×325×1095 (mm)	320×325×1095 (mm)
Working Temperature	-35℃~+65℃	-35℃~+65℃
Power Supply	DC24V/AC110V/220V 50/60Hz	DC24V/AC110V/220V 50/60Hz
Running Speed	1.2s~3s (Adjustable)	2.5s~6s (Adjustable)
Rated Power	160W	160W
Driving Method	DC Brushless Motor	DC Brushless Motor
Humidity	≤90%	≤90%
Remote Control Distance	≤100m (Open & Sunny Weather)	≤100m (Open & Sunny Weather)
Protection Class	IP54	IP54
Motor No-load Speed	1850r/min	1850r/min
Adaptable Boom Length	3m~4.5m	6m~8m

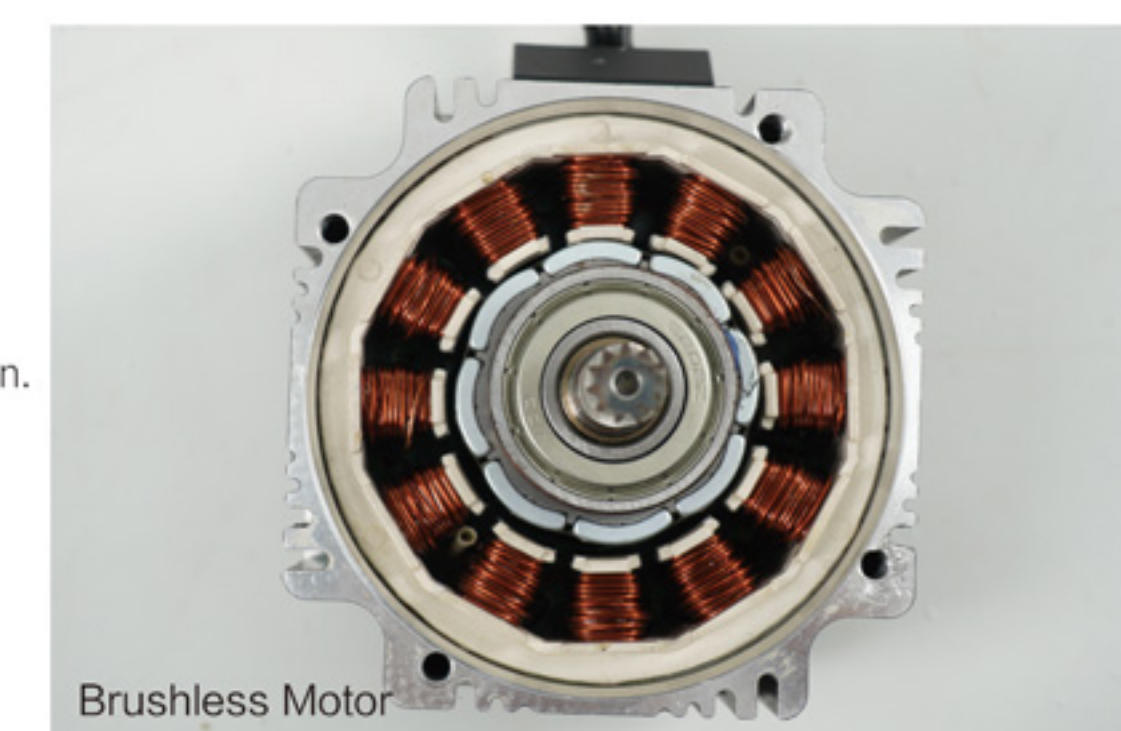
5th Generation DC brushless motor

Patented product, all rights reserved
Patent No: CN308100095S

**FUNCTIONS**

1. Operation speed can be adjusted.
2. Slow up and slow down can be adjusted.
3. The limit angle can be adjusted.
4. Left and right direction can be quickly interchanged.
5. The barrier arm can be manually operated in case of power failure.
6. 418 frequency learning code anti-copy remote controller.
7. Infrared photocell sensor IO signal input function.
8. Loop detector and radar IO signal anti-collision signal input function.
9. Up, down and stop IO signal input function.
10. Counting (fleet) function.
11. LED light IO signal output function.
12. Traffic light IO signal output function.
13. Up and down in place, normally open and normally closed signal output function.
14. RS485 communication output function.
15. Delay arm drop function.
16. Arm auto-reverse function.
17. Automatic lifting function when power is off (requires additional power storage module).
18. IO port single-key cycle up and down function.
19. Loop detector normally open and normally closed function.
20. One car and one arm to prevent toll evasion function.
21. Anti-collision alarm function (requires additional fee, installation of alarm and sensor).
22. Fire linkage signal input function.
23. The IO port closes the signal input function.
24. 24V storage battery input function.

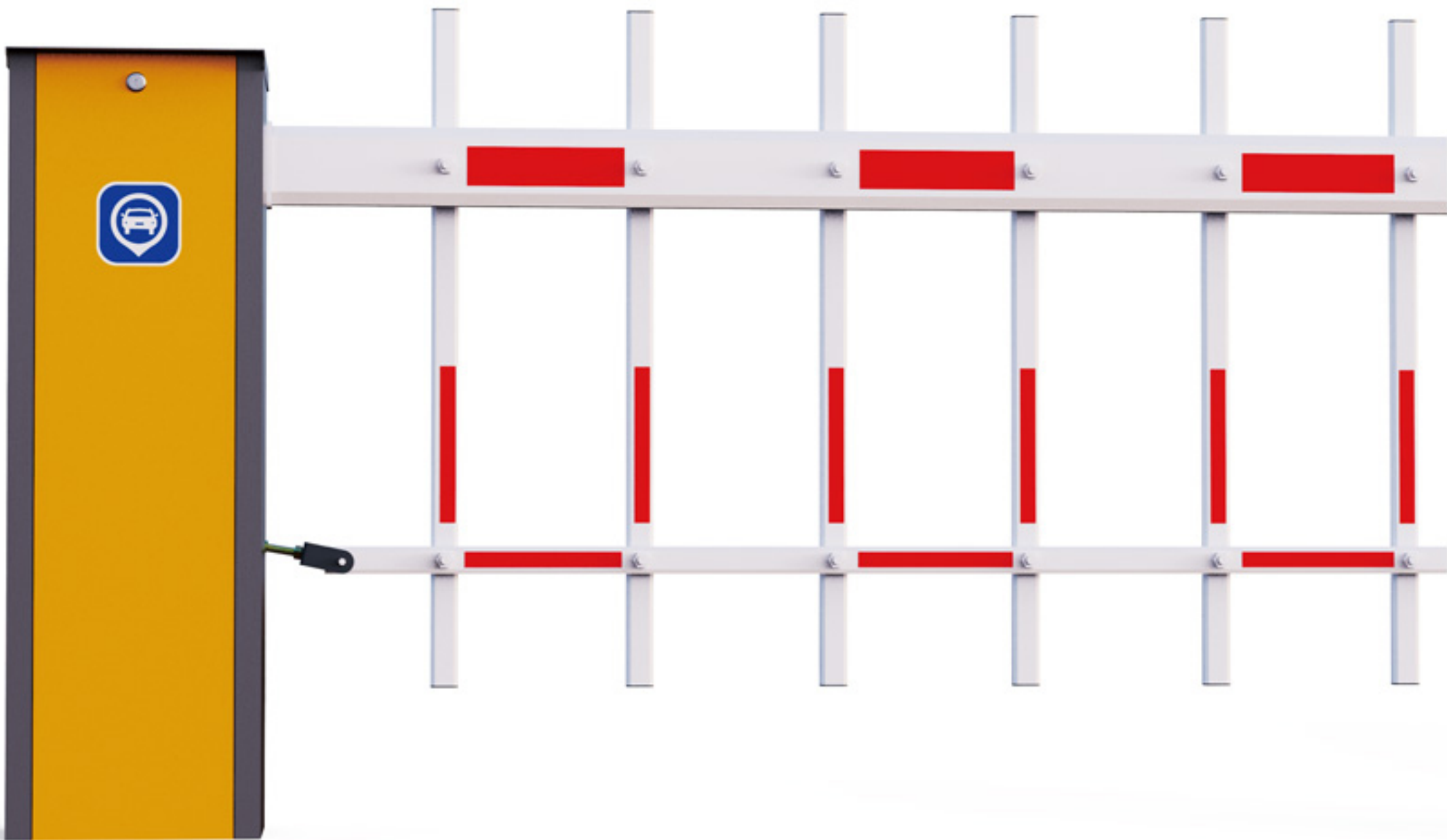
1. Advanced mechatronics Side-mounted design concept: structure compact, quickly assembly, easy maintenance.
2. Molding production: high precision, fast efficiency and guaranteed quality.
3. Advanced worm-gear three -stage transmission: high precision, long lifetime, no blocking, no oil leakage, large torque, low noise ,can normally operation at the temperature of -35°C etc.
4. DC brushless motor design: low consumption, high efficiency, no overheat, wide speed adjustment, make arm open and close fast and stable.
5. Hall limit: automatically detects the limit when power on without debugging, high precision, detecting the motor speed at all times and running at constant and stable speed.
6. New design concept of arc-shaped three-link structure, which prevents the rod from sagging, warping or lifting, makes it more convenient to adjust the balance, and simpler to adjust the level.
7. Arm direction quickly interchanged: interchanged according to different directions on construction site, reduce inventory and capital pressure.
8. Advanced DC brushless controller: use integrated chip drive, fast processing speed, large memory, good control effect, powerful function, high degree of automation; 24V low voltage power supply adapt to global voltage, safe and reliable.



5th Generation DC Brushless Barrier Gate

Patented product,all rights reserved
Patent No: CN3066027195

DZ-220B

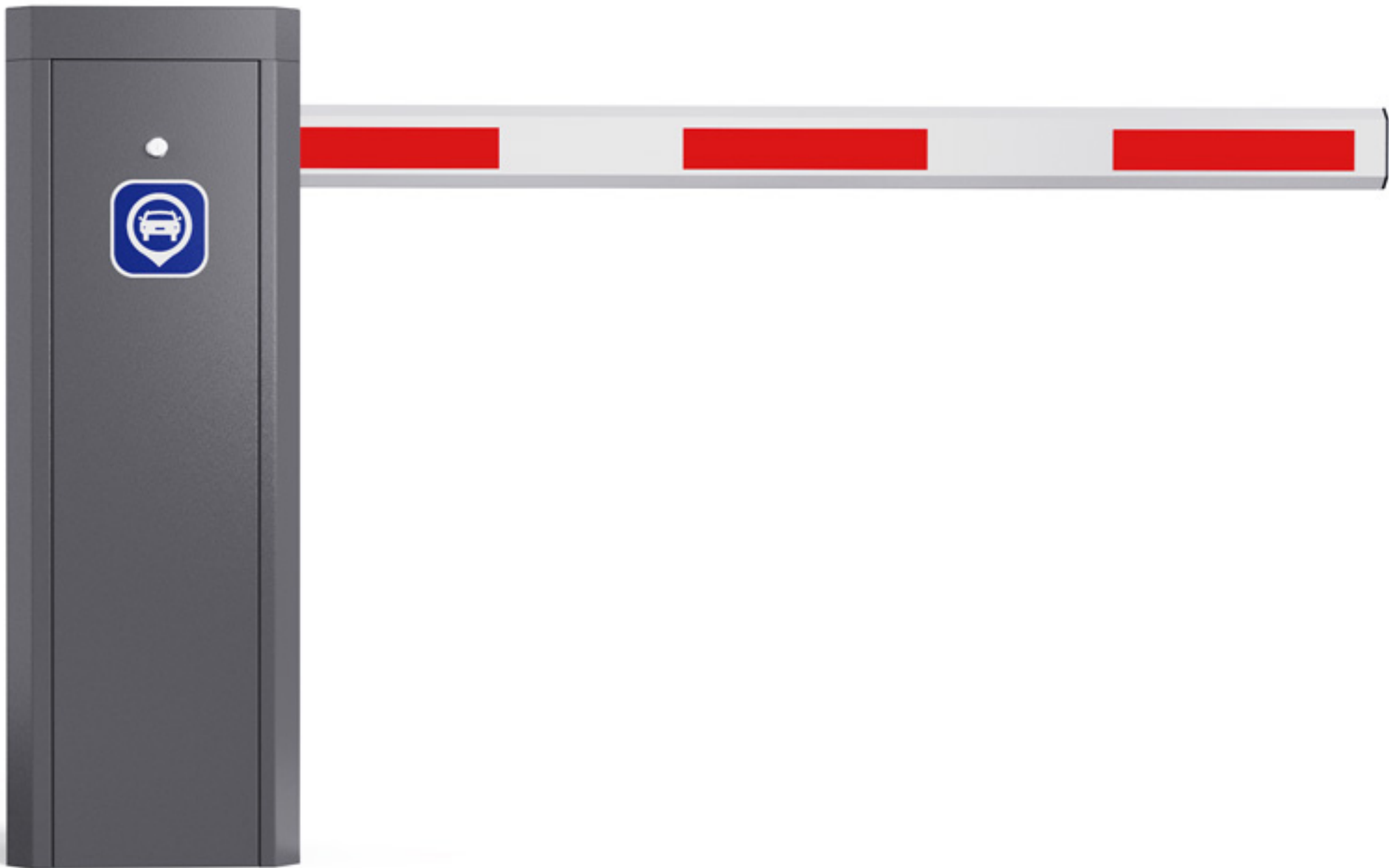


PRODUCT PARAMETER

Product Name	5th Generation DC Brushless Barrier Gate
Product Model	DZ-220B
Product Size	305×240×935 (mm)
Working Temperature	-35℃~+65℃
Power Supply	DC24V/AC110V/220V 50/60Hz
Running Speed	1.2s~3s (Adjustable)
Rated Power	150W
Driving Method	DC Brushless Motor
Humidity	≤90%
Remote Control Distance	≤100m (Open & Sunny Weather)
Protection Class	IP54
Motor No-load Speed	1850r/min
Adaptable Boom Length	3m~4.5m

5th Generation DC Brushless Barrier Gate

DZ-2212

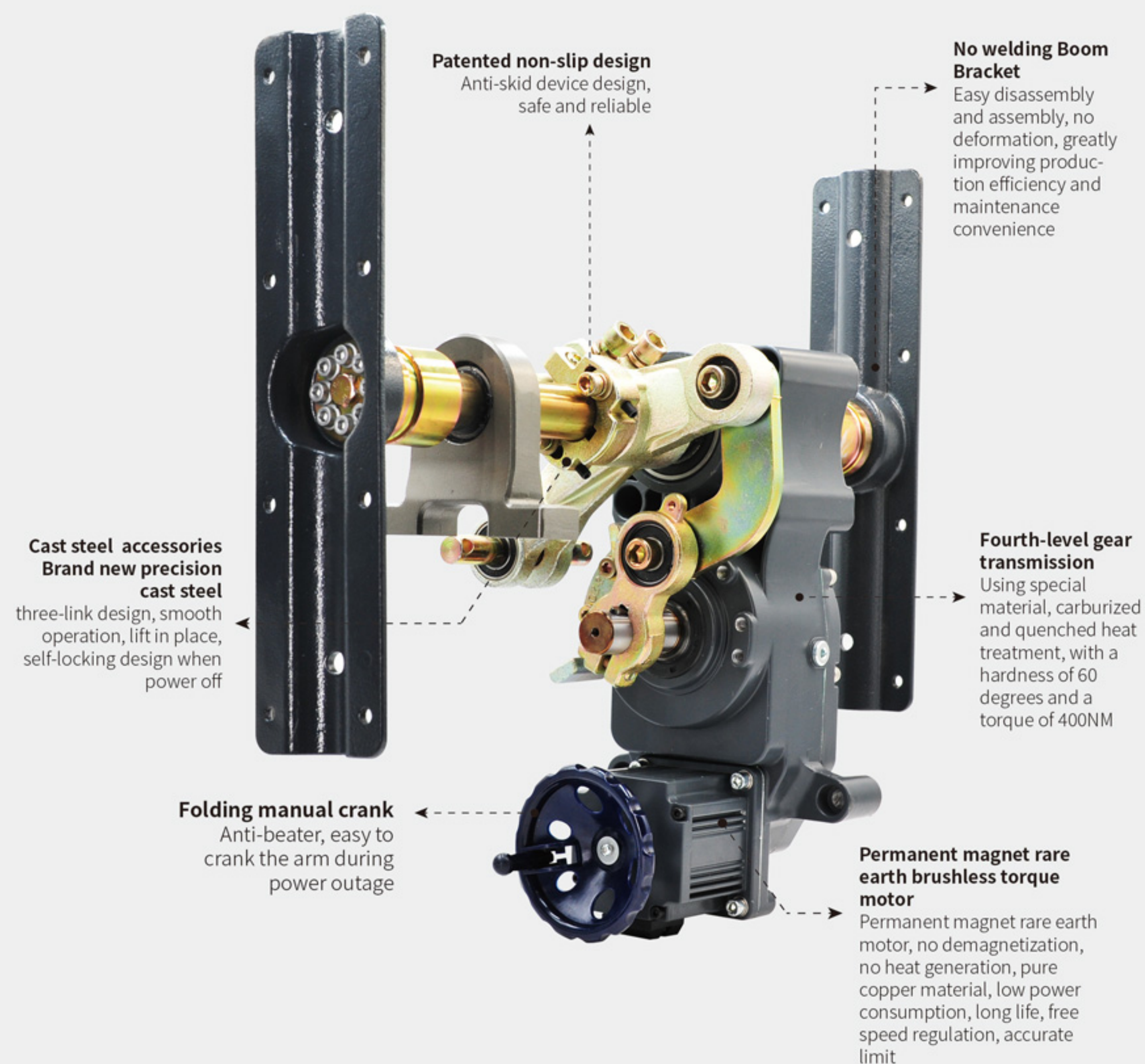


PRODUCT PARAMETER

Product Name	5th Generation DC Brushless Barrier Gate
Product Model	DZ-2212
Product Size	335×230×975 (mm)
Working Temperature	-35℃~+65℃
Power Supply	DC24V/AC110V/220V 50/60Hz
Running Speed	2.5s~6s
Rated Power	150W
Driving Method	DC Brushless Motor
Humidity	≤90%
Remote Control Distance	≤100m (Open & Sunny Weather)
Protection Class	IP54
Motor No-load Speed	1850r/min
Adaptable Boom Length	3m~6m

Special High-power 4th Generation Brushless Motor

Patented product, all rights reserved
Patent No: CN3081000955



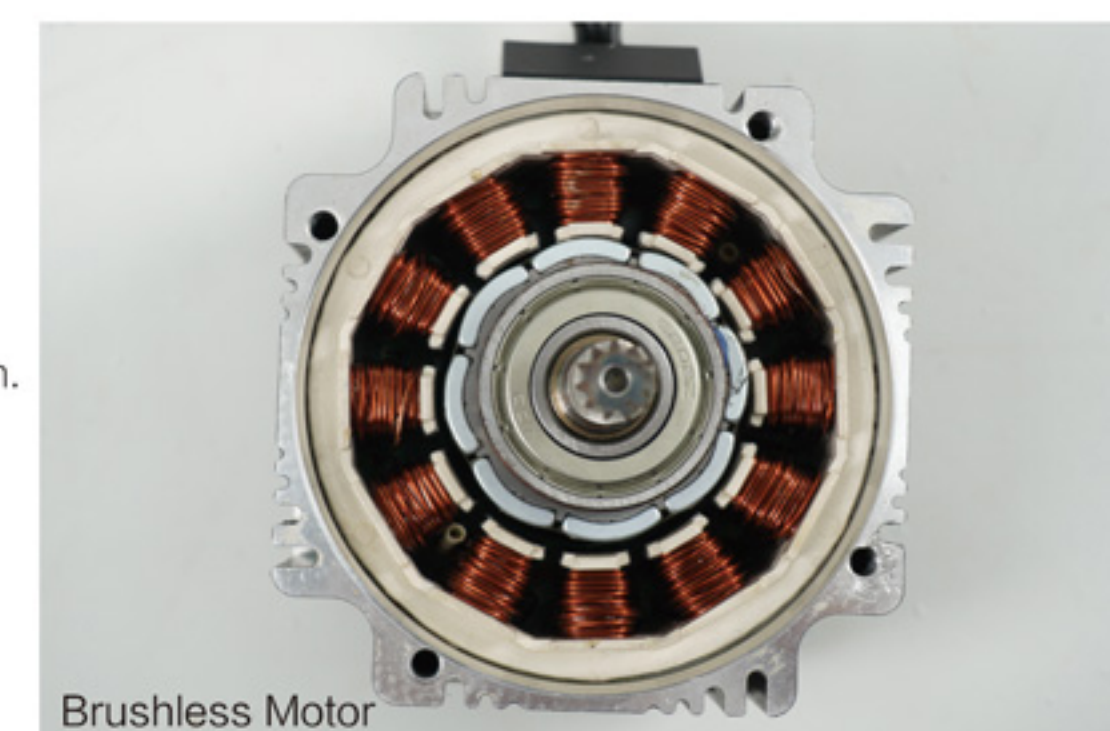
FUNCTIONS

1. Operation speed can be adjusted.
2. Slow up and slow down can be adjusted.
3. The limit angle can be adjusted.
4. Left and right direction can be quickly interchanged.
5. The barrier arm can be manually operated in case of power failure.
6. 418 frequency learning code anti-copy remote controller.
7. Infrared photocell sensor IO signal input function.
8. Loop detector and radar IO signal anti-collision signal input function.
9. Up, down and stop IO signal input function.
10. Counting (fleet) function.
11. LED light IO signal output function.
12. Traffic light IO signal output function.
13. Up and down in place, normally open and normally closed signal output function.
14. RS485 communication output function.
15. Delay arm drop function.
16. Arm auto-reverse function.
17. Automatic lifting function when power is off (requires additional power storage module).
18. IO port single-key cycle up and down function.
19. Loop detector normally open and normally closed function.
20. One car and one arm to prevent toll evasion function.
21. Anti-collision alarm function (requires additional fee, installation of alarm and sensor).
22. Fire linkage signal input function.
23. The IO port closes the signal input function.
24. 24V storage battery input function.

1. Advanced mechatronics Side-mounted design concept: structure compact, quickly assembly, easy maintenance.
2. Molding production: high precision, fast efficiency and guaranteed quality.
3. Advanced fourth level gear transmission design concept: high precision, long lifetime, no blocking, no oil leakage, large torque, low noise, can normally operation at the temperature of -35°C etc.
4. DC brushless motor design: low consumption, high efficiency, no overheat, wide speed adjustment, make arm open and close fast and stable.
5. Hall limit: automatically detects the limit when power on without debugging, high precision, detecting the motor speed at all times and running at constant and stable speed
6. Curved triple connecting rod structure design concept, makes arm in vertical and horizontal position, easy to adjust the arm balance, avoid to lift arm violently.
7. Arm direction quickly interchanged: interchanged according to different directions on construction site, reduce inventory and capital pressure.
8. Advanced DC brushless controller: use integrated chip drive, fast processing speed, large memory, good control effect, powerful function, high degree of automation; 24V low voltage power supply, adapt to global voltage, safe and reliable.



Permanent Rare
Earth Magnet

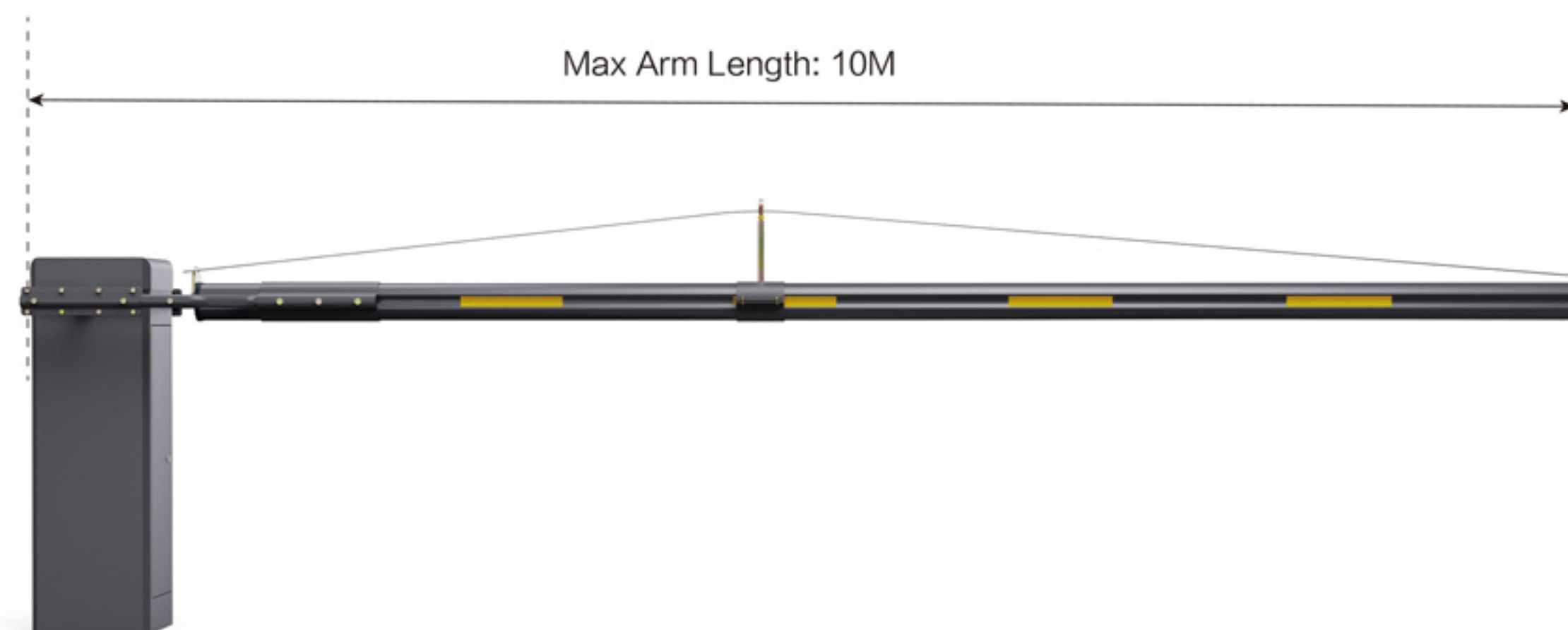


Brushless Motor

10 Meters Long Arm Barrier Gate

DZ-2307Patented product,all rights reserved
Patent No: CN219410651U

Wonsun 10 meters long arm barrier is suitable for railway, railway-road mixed traffic control crossings, port docks, and other occasions. It uses a double-arm design to meet the length requirements of large intersections, and it solves the technical problems of insufficient power, bending and deformation of long arms, insufficient strength, and poor wind resistance.



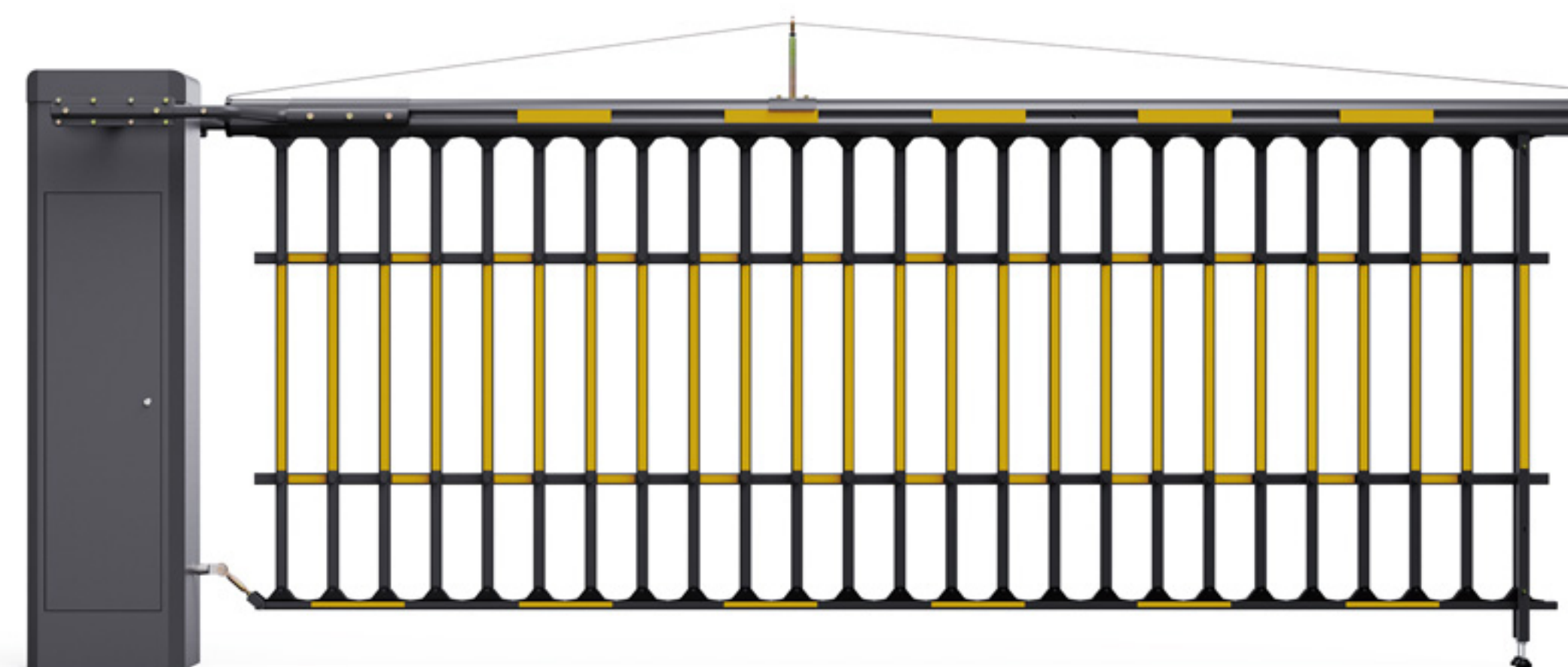
PRODUCT PARAMETER

Product Name	10 Meters Long Arm Barrier Gate
Product Model	DZ-2307
Product Size	350×310×1180 (mm)
Working Temperature	-35℃~+65℃
Power Supply	DC24V/AC110V/220V 50/60Hz
Running Speed	3s~16s
Rated Power	250W
Driving Method	DC Brushless Motor
Humidity	≤90%
Remote Control Distance	≤100m (Open & Sunny Weather)
Protection Class	IP54
Motor No-load Speed	1850r/min
Adaptable Boom Length	6m~10m

Airborne Barrier Gate

DZ-2309Patented product,all rights reserved
Patent No: CN308100095S

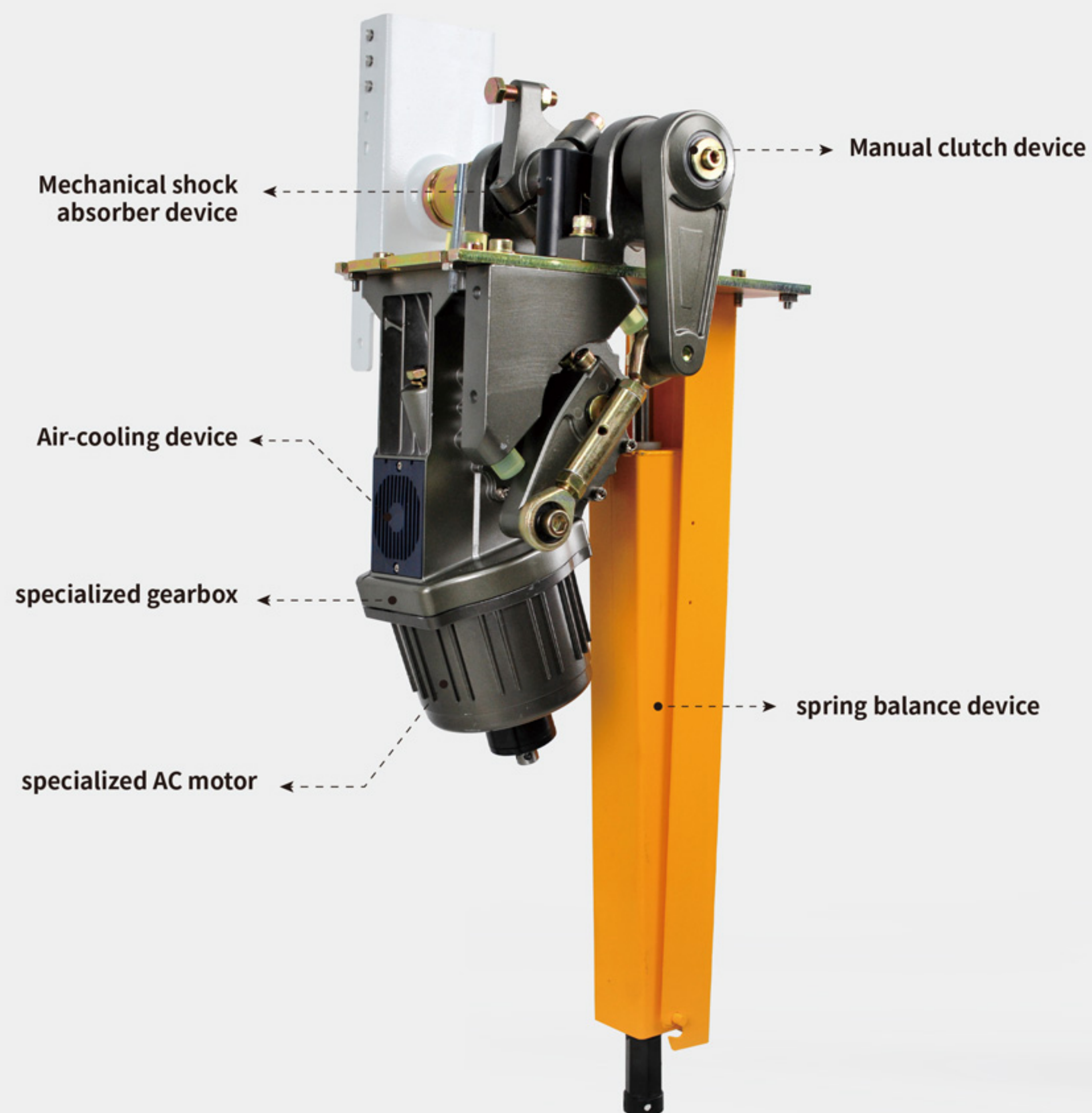
The Wonsun 6 meter airborne barrier gate is suitable for scenarios with limited space for gates, high traffic flow, small installation space, and is more suitable for use in snowy areas. It will not be affected by icy or snowy road conditions, which may prevent the arm from closing.



PRODUCT PARAMETER

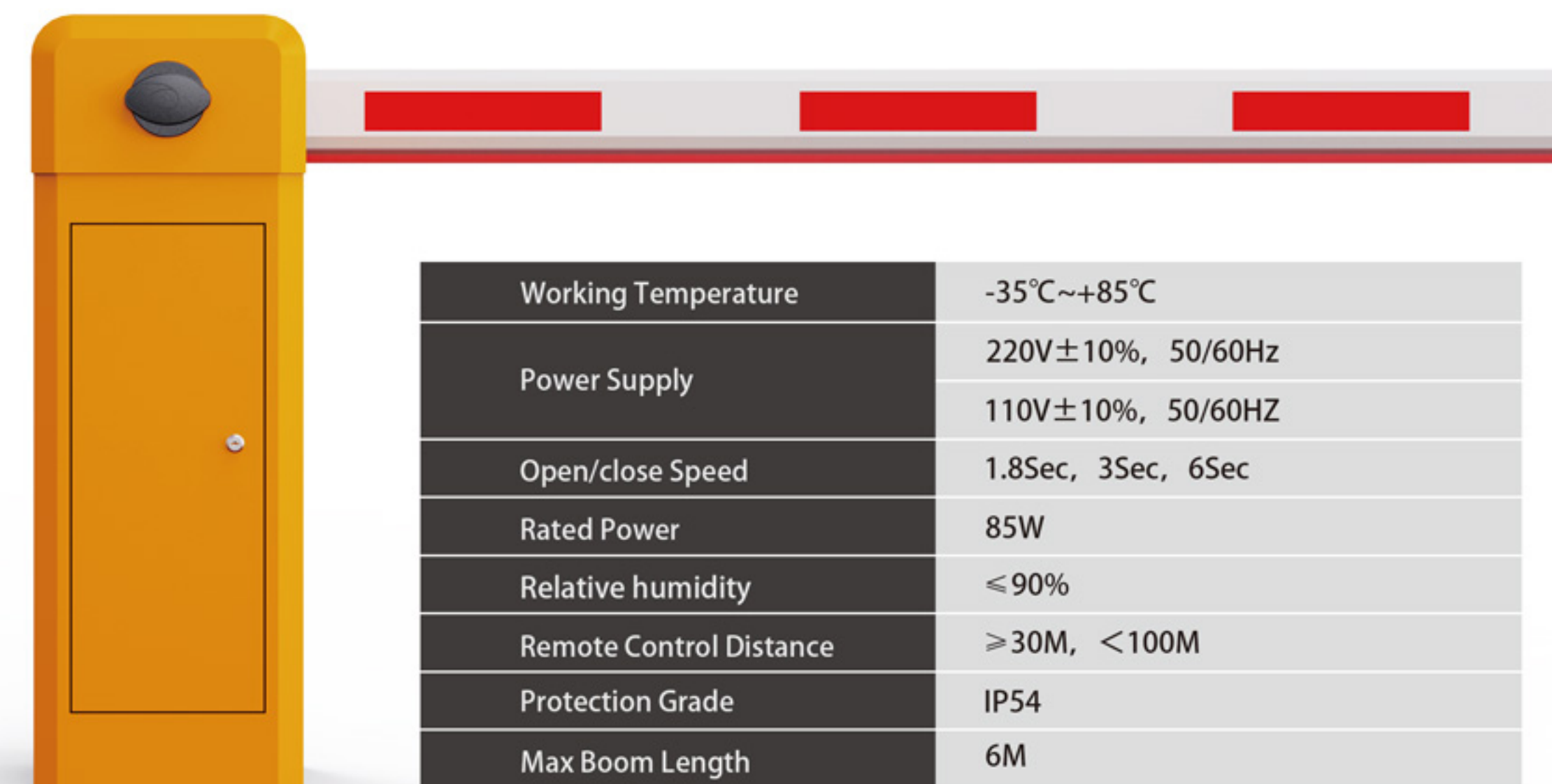
Product Name	Airborne Barrier Gate
Product Model	DZ-2309
Product Size	450×300×1745 (mm)
Working Temperature	-35℃~+65℃
Power Supply	DC24V/AC110V/220V 50/60Hz
Running Speed	3s~16s
Rated Power	250W
Driving Method	DC Brushless Motor
Humidity	≤90%
Remote Control Distance	≤100m (Open & Sunny Weather)
Protection Class	IP54
Motor No-load Speed	1850r/min
Adaptable Boom Length	3m~6m

220V/110V AC Motor



FUNCTIONS

1. Power-off manual clutch device, can be manually lifted quickly in case of power failure, and reset automatically when power is restored.
2. A movement structure that uses compressed spring balance.
3. Equipped with a function that allows the barrier to return when encountering resistance.
4. Infrared photoelectric anti-smashing (requires matching photoelectric device).
5. Supports external ground induction loop.
6. Open, close, stop control interface (switch signal).
7. RS485 serial communication (optional).
8. Red and green light interface (220VAC).
9. Air-cooling device.
10. Delayed automatic boom lowering.



DZ-115

**304 Stainless Steel Barrier Gate
(2nd Generation Servo Motor)**Patented product,all rights reserved
Patent No: CN308100095S
CN209128919U**DZ-290**

2.0mm thickness 304 Stainless Steel, suitable for coastal areas or areas with relatively harsh environments. Corrosion-resistant, rust-proof, and never fades.

**PRODUCT PARAMETER**

Product Name	304 Stainless Steel Barrier Gate	304 Stainless Steel Barrier Gate
Product Model	DZ-290	DZ-290
Product Size	330×305×930 (mm)	330×305×930 (mm)
Working Temperature	-35°C~+65°C	-35°C~+65°C
Power Supply	DC24V/AC110V/220V 50/60Hz	DC24V/AC110V/220V 50/60Hz
Running Speed	0.9s~8s (Adjustable)	0.6s~3s (Adjustable)
Rated Power	200W	400W
Driving Method	Servo Motor	Servo Motor
Humidity	≤ 90%	≤ 90%
Remote Control Distance	≤ 100m (Open & Sunny Weather)	≤ 100m (Open & Sunny Weather)
Protection Class	IP54	IP54
Motor No-load Speed	3000r/min	3000r/min
Adaptable Boom Length	3m~6m	2.5m

**Dual Movement Two-way Barrier Gate
(5th Generation DC Brushless Motor)**Patented product,all rights reserved
Patent No: CN217149995U**DZ-2136**

One barrier housing with two motors, which is suitable for places with a middle safety island for entry and exit. It saves wiring costs, improves installation efficiency and greatly reduces transportation costs.

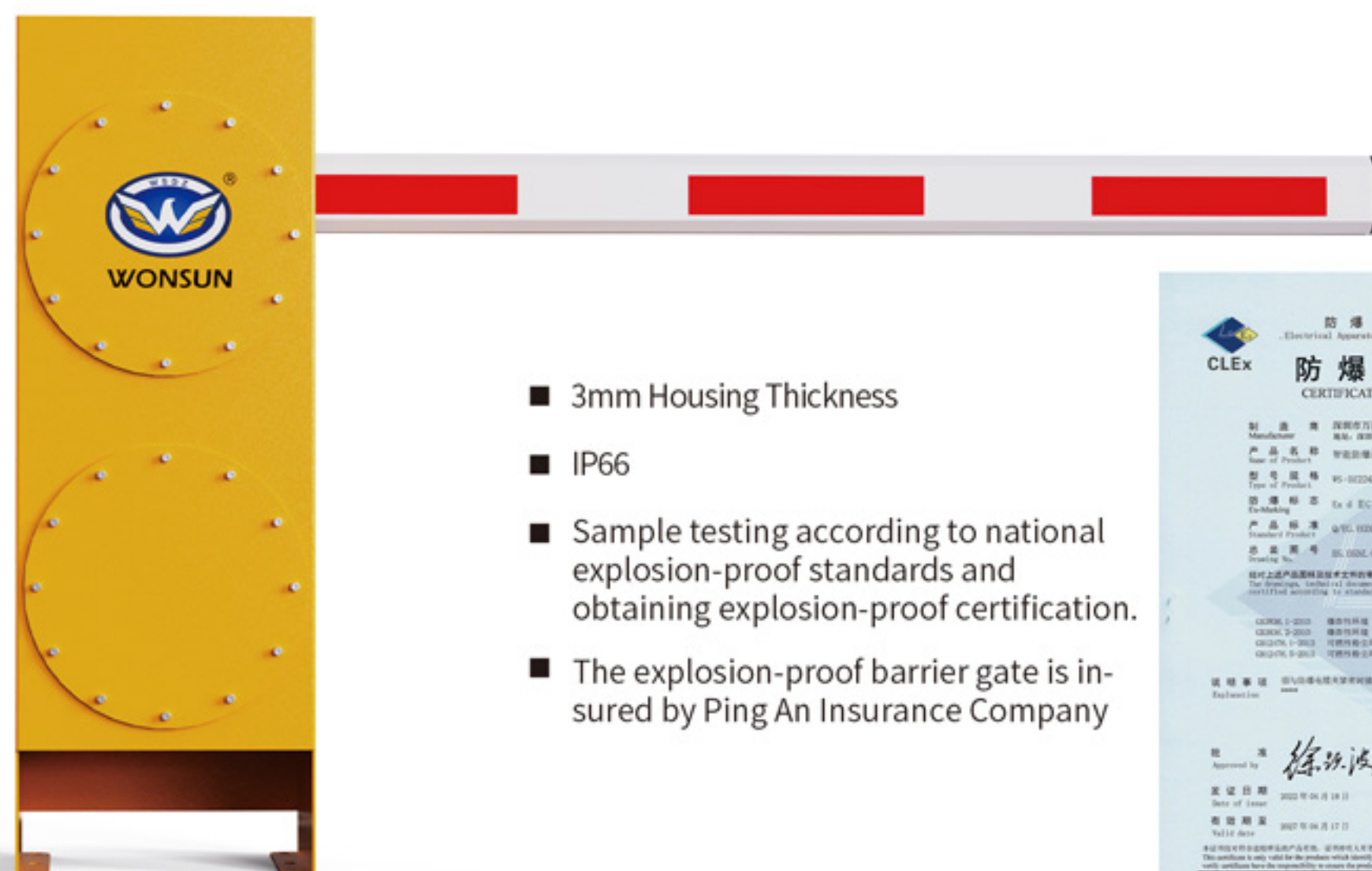
**PRODUCT PARAMETER**

Product Name	Dule Motor Two-way Barrier Gate
Product Model	DZ-2136
Product Size	425×345c×985 (mm)
Working Temperature	-35°C~+65°C
Power Supply	DC24V/AC110V/220V 50/60Hz
Running Speed	1.2s-3s/2.8s~6s
Rated Power	150W
Driving Method	DC Brushless Motor
Humidity	≤ 90%
Remote Control Distance	≤ 100m (Open & Sunny Weather)
Protection Class	IP54
Motor No-load Speed	1850r/min
Adaptable Boom Length	3m~6m

**Explosion-proof Barrier Gate
(4th Generation DC Brushless Motor)****DZ-2243**

Applicable places: gas stations, gas plants, natural gas plants, kerosene cave entrances, chemical factories, hazardous material warehouses, etc.

Patented product, all rights reserved

Patent No: CN308100095S
CN209128919U

- 3mm Housing Thickness
- IP66
- Sample testing according to national explosion-proof standards and obtaining explosion-proof certification.
- The explosion-proof barrier gate is insured by Ping An Insurance Company

**PRODUCT PARAMETER**

Product Name	Explosion-proof Barrier Gate	Explosion-proof Barrier Gate
Product Model	DZ-2243	DZ-2243
Product Size	350×305×1005 (mm)	350×305×1005 (mm)
Working Temperature	-35℃~+65℃	-35℃~+65℃
Power Supply	DC24V/AC110V/220V 50/60Hz	DC24V/AC110V/220V 50/60Hz
Running Speed	1.2s~3s (Adjustable)	2.5s~6s (Adjustable)
Rated Power	160W	160W
Driving Method	DC Brushless Motor	DC Brushless Motor
Humidity	≤90%	≤90%
Remote Control Distance	≤100m (Open & Sunny Weather)	≤100m (Open & Sunny Weather)
Protection Class	IP66	IP66
Motor No-load Speed	1850r/min	1850r/min
Adaptable Boom Length	3m~4.5m	6m~8m

**Light Box Advertising Barrier Gate
(4th Generation DC Brushless Motor)****DZ-2211K**

Patented product, all rights reserved

Patent No: CN217500030U
CN114108519A
CN217500031U
CN217500020U

The Wonsun fabric lightbox advertising barrier gate is suitable for commercial parking lots in shopping malls, residential areas, apartment, scenic areas and commercial office building entrances and exits, etc. It is easy and convenient to replace advertising cloth. This advertising barrier is practical and cost-effective.

**PRODUCT PARAMETER**

Product Name	Fabric Light Box Barrier Gate
Product Model	DZ-2211K
Product Size	320×325×1095 (mm)
Working Temperature	-35℃~+65℃
Power Supply	DC24V/AC110V/220V 50/60Hz
Running Speed	2.5s~8s
Rated Power	200W
Driving Method	DC Brushless Motor
Humidity	≤90%
Remote Control Distance	≤100m (Open & Sunny Weather)
Protection Class	IP54
Motor No-load Speed	1850r/min
Adaptable Boom Length	3m~4.5m

**Lightweight Brushless Advertising Barrier Gate
(4th Generation DC Brushless Motor)**Patented product,all rights reserved
Patent No: CN3081000955

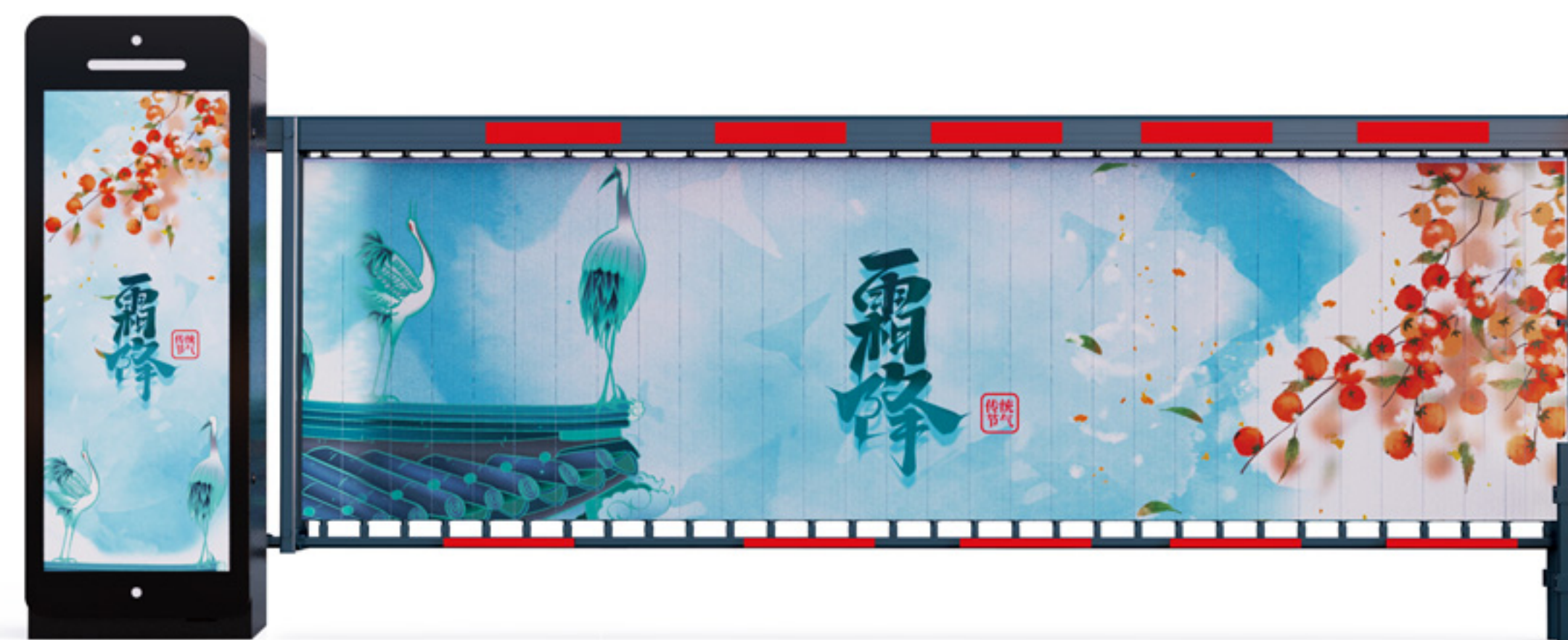
DZ-2211G

**PRODUCT PARAMETER**

Product Name	Lightweight Brushless Advertising Barrier Gate
Product Model	DZ-2211G
Product Size	320×325×1095 (mm)
Working Temperature	-35°C~+65°C
Power Supply	DC24V/AC110V/220V 50/60Hz
Running Speed	2.5s~8s
Rated Power	200W
Driving Method	DC Brushless Motor
Humidity	≤90%
Remote Control Distance	≤100m (Open & Sunny Weather)
Protection Class	IP54
Motor No-load Speed	1850r/min
Adaptable Boom Length	3m~4m

**Heavyweight Brushless Advertising Barrier Gate
(4th Generation DC Brushless Motor)**Patented product,all rights reserved
Patent No: CN3081000955

DZ-2232

**PRODUCT PARAMETER**

Product Name	Heavyweight Brushless Advertising Barrier Gate
Product Model	DZ-2232
Product Size	460×380×1280 (mm)
Working Temperature	-35°C~+65°C
Power Supply	DC24V/AC110V/220V 50/60Hz
Running Speed	2.5s~8s
Rated Power	200W
Driving Method	DC Brushless Motor
Humidity	≤90%
Remote Control Distance	≤100m (Open & Sunny Weather)
Protection Class	IP54
Motor No-load Speed	1850r/min
Adaptable Boom Length	3m~4m

LPR Integrated Barrier Machine

DZ-2366

Patented product,all rights reserved
Patent No: CN308100095S

PRODUCT PARAMETER

Product Name	LPR Integrated Barrier Machine	LPR Integrated Barrier Machine
Product Model	DZ-2366	DZ-2366
Product Size	341×205×1550 (mm)	341×205×1550 (mm)
Working Temperature	-35℃~+65℃	-35℃~+65℃
Power Supply	DC24V/AC110V/220V 50/60Hz	DC24V/AC110V/220V 50/60Hz
Running Speed	1.2s~3s	2.5s~6s
Rated Power	200W	200W
Driving Method	DC Brushless Motor	DC Brushless Motor
Humidity	≤90%	≤90%
Remote Control Distance	≤100m (Open & Sunny Weather)	≤100m (Open & Sunny Weather)
Protection Class	IP54	IP54
Motor No-load Speed	1850r/min	1850r/min
Adaptable Boom Length	4.5m	6m

New Energy Charging Parking Barrier Gate

CDZ-DZ-2365

Patented product,all rights reserved
Patent No: CN209128919U

This is an innovative product that integrates new energy vehicle charging and parking space barriers. It can both charge and manage parking spaces so that they are not occupied by gasoline vehicles. This product uses the industry's most advanced inflatable T-shaped arm, which can control parking spaces more simply and effectively. The lightweight arm makes the barrier have a longer service life and a lower failure rate. It solves the problem of equipment damage after parking spaces are flooded. The integrated design of the charging barrier also integrates license plate and radar recognition functions. When a new energy vehicle enters the parking space, the camera recognizes that it is a new energy vehicle and will automatically open the arm. When the vehicle drives away, the radar detects that there is no vehicle and will automatically drop the arm., fully realizing intelligent automation.

PRODUCT PARAMETER

Product Name	New Energy Charging Parking Barrier Gate
Product Model	CDZ-DZ-2365
Product Size	341×205×1150 (mm)
Working Temperature	-35℃~+65℃
Power Supply	DC24V/AC110V/220V 50/60Hz
Running Speed	1.2s~3s
Rated Power	200W
Driving Method	DC Brushless Motor
Humidity	≤90%
Remote Control Distance	≤100m (Open & Sunny Weather)
Protection Class	IP54
Motor No-load Speed	1850r/min
Adaptable Boom Length	2m-2.5m

Servo Customized Barrier Gate
(2nd Generation Servo Motor)

Patented product,all rights reserved
Patent No: CN306539992S

DZ-890



PRODUCT PARAMETER

Product Name	Servo Customized Barrier Gate	Servo Customized Barrier Gate
Product Model	DZ-890	DZ-890
Product Size	340×300×970 (mm)	340×300×970 (mm)
Working Temperature	-35℃~+65℃	-35℃~+65℃
Power Supply	DC24V/AC110V/220V 50/60Hz	DC24V/AC110V/220V 50/60Hz
Running Speed	0.9s~8s (Adjustable)	0.6s~6s (Adjustable)
Rated Power	200W	400W
Driving Method	Servo Motor	Servo Motor
Humidity	≤90%	≤90%
Remote Control Distance	≤100m (Open & Sunny Weather)	≤100m (Open & Sunny Weather)
Protection Class	IP54	IP54
Motor No-load Speed	3000r/min	3000r/min
Adaptable Boom Length	3m~6m	2.5m

DC Brushless Customized Barrier Gate
(5th Generation DC Brushless Motor)

Patented product,all rights reserved
Patent No: CN306906265S

DZ-21521



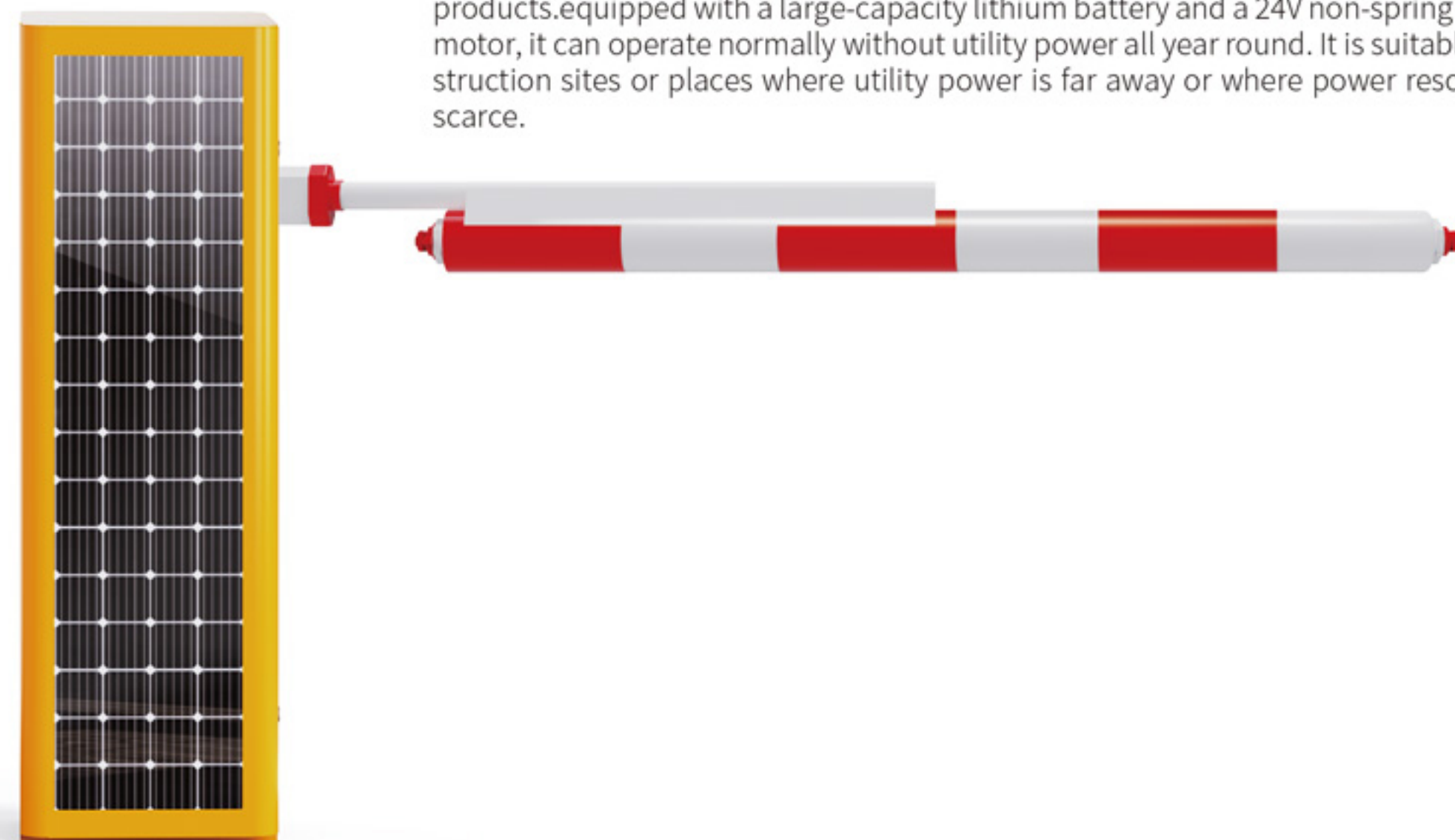
PRODUCT PARAMETER

Product Name	DC Brushless Customized Barrier Gate	DC Brushless Customized Barrier Gate
Product Model	DZ-21521	DZ-21521
Product Size	350×240×1010 (mm)	350×240×1010 (mm)
Working Temperature	-35℃~+65℃	-35℃~+65℃
Power Supply	DC24V/AC110V/220V 50/60Hz	DC24V/AC110V/220V 50/60Hz
Running Speed	1.2s~3s	2.5s~6s
Rated Power	150W	150W
Driving Method	DC Brushless Motor	DC Brushless Motor
Humidity	≤90%	≤90%
Remote Control Distance	≤100m (Open & Sunny Weather)	≤100m (Open & Sunny Weather)
Protection Class	IP54	IP54
Motor No-load Speed	1850r/min	1850r/min
Adaptable Boom Length	3m~4.5m	3m~6m

**Embedded Solar Barrier Gate
(1st Generation Non-spring Motor)**Patented product,all rights reserved
Patent No: CN306539992S

DZ-2339

This is an embedded solar barrier gate with a very high integration. It integrates the original external photovoltaic panels into the chassis to form a mechatronics intelligent products.equipped with a large-capacity lithium battery and a 24V non-spring brushless motor, it can operate normally without utility power all year round. It is suitable for construction sites or places where utility power is far away or where power resources are scarce.

**PRODUCT PARAMETER**

Product Name	Embedded Solar Barrier Gate	Embedded Solar Barrier Gate
Product Model	DZ-2339	DZ-2339
Product Size	300×288×1000(mm)	300×288×1000 (mm)
Working Temperature	-35℃~+65℃	-35℃~+65℃
Power Supply	DC24V/AC110V/220V 50/60Hz	DC24V/AC110V/220V 50/60Hz
Running Speed	1.2s~3s (Adjustable)	2.5s~6s (Adjustable)
Rated Power	200W	200W
Driving Method	DC Brushless Motor	DC Brushless Motor
Humidity	≤90%	≤90%
Remote Control Distance	≤100m (Open & Sunny Weather)	≤100m (Open & Sunny Weather)
Protection Class	IP54	IP54
Motor No-load Speed	1850r/min	1850r/min
Adaptable Boom Length	4.5m	6m

**Parking space barrier Gate
(5th Generation DC Brushless Motor)**Patented product,all rights reserved
Patent No: CN306906265S

CWZ-2338

This is a brand-new concept of parking barrier, which is a breakthrough solution to several problems of traditional parking locks that are unsightly in the parking space, have poor barrier properties, and easy to be damaged by vehicles or flooded by heavy rain. The new parking barrier is installed at the end of the parking space. It looks nice and does not take up space. It uses an inflatable T-shaped arm to effectively control the parking space and will not be damaged by vehicles. It is also has IP57 waterproof design and will not be flooded or damaged by heavy rain. , the lightweight arm makes the barrier gate have a longer life and a lower failure rate.

**PRODUCT PARAMETER**

Product Name	Parking space barrier Gate
Product Model	CWZ-2338
Product Size	350×240×600 (mm)
Working Temperature	-35℃~+65℃
Power Supply	DC24V/AC110V/220V 50/60Hz
Running Speed	1.2s~3s
Rated Power	150W
Driving Method	DC Brushless Motor
Humidity	≤90%
Remote Control Distance	≤100m (Open & Sunny Weather)
Protection Class	IP57
Motor No-load Speed	1850r/min
Adaptable Boom Length	2m



Ø38 Round Shape Barrier Arm



Ø50 Round Shape Barrier Arm



Ø50 LED Light Round Shape Barrier Arm



Straight Barrier Arm



Oval Straight Barrier Arm

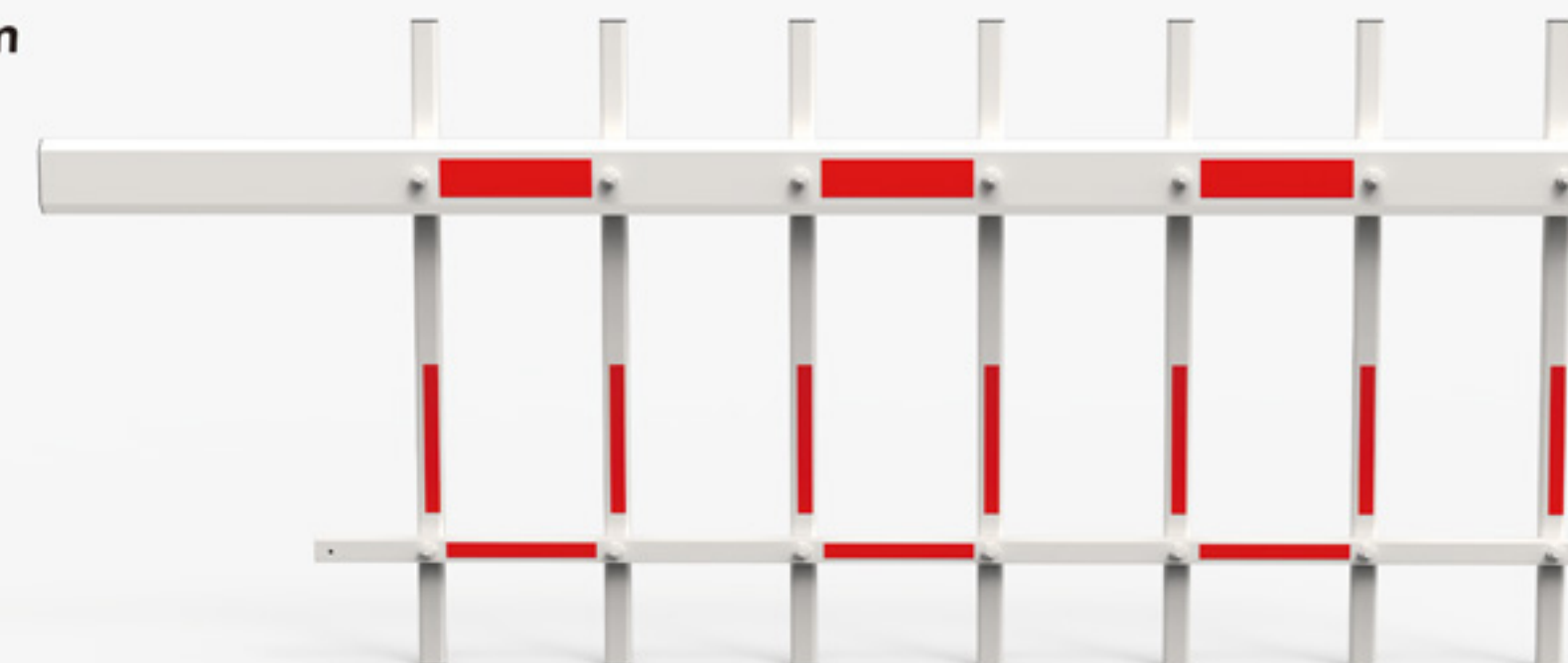


Telescopic Barrier Arm 100x45

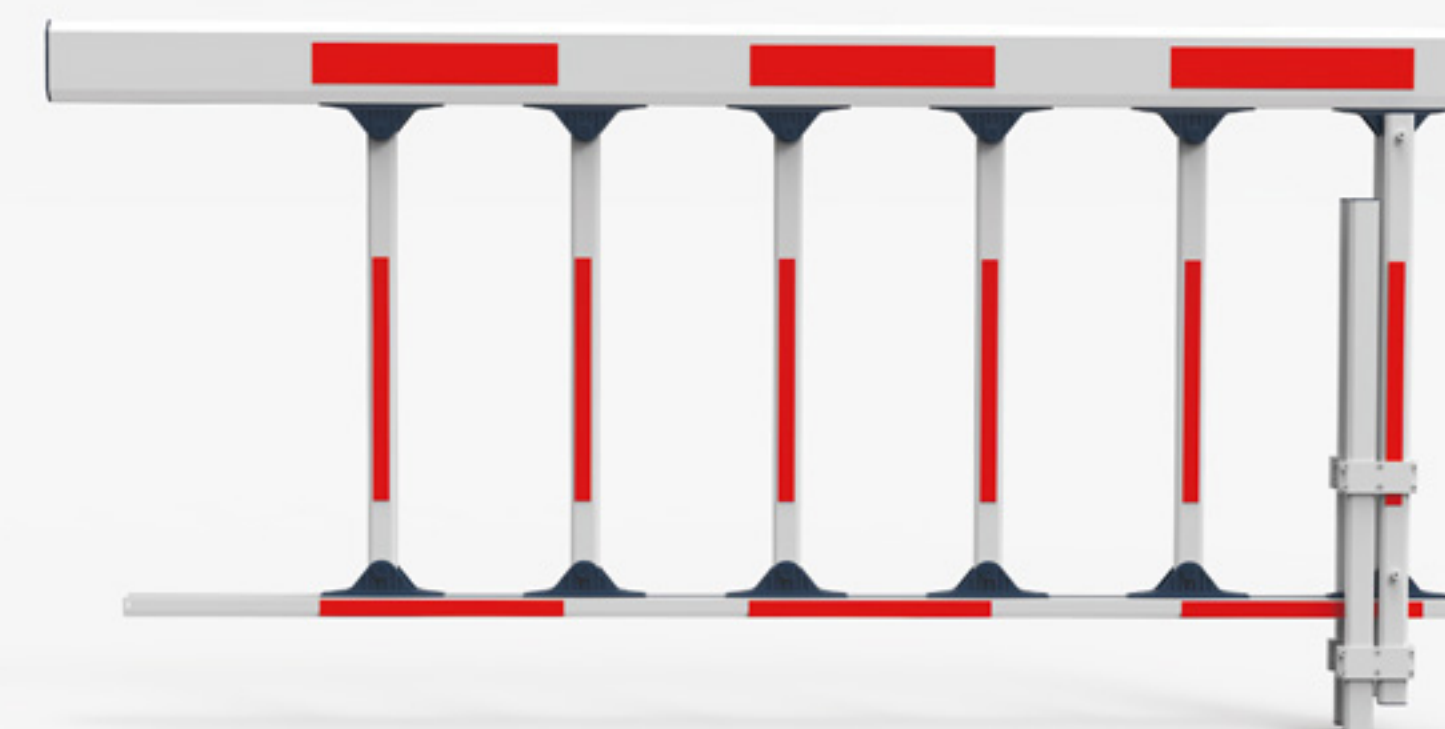


10-meters-long Barrier Arm

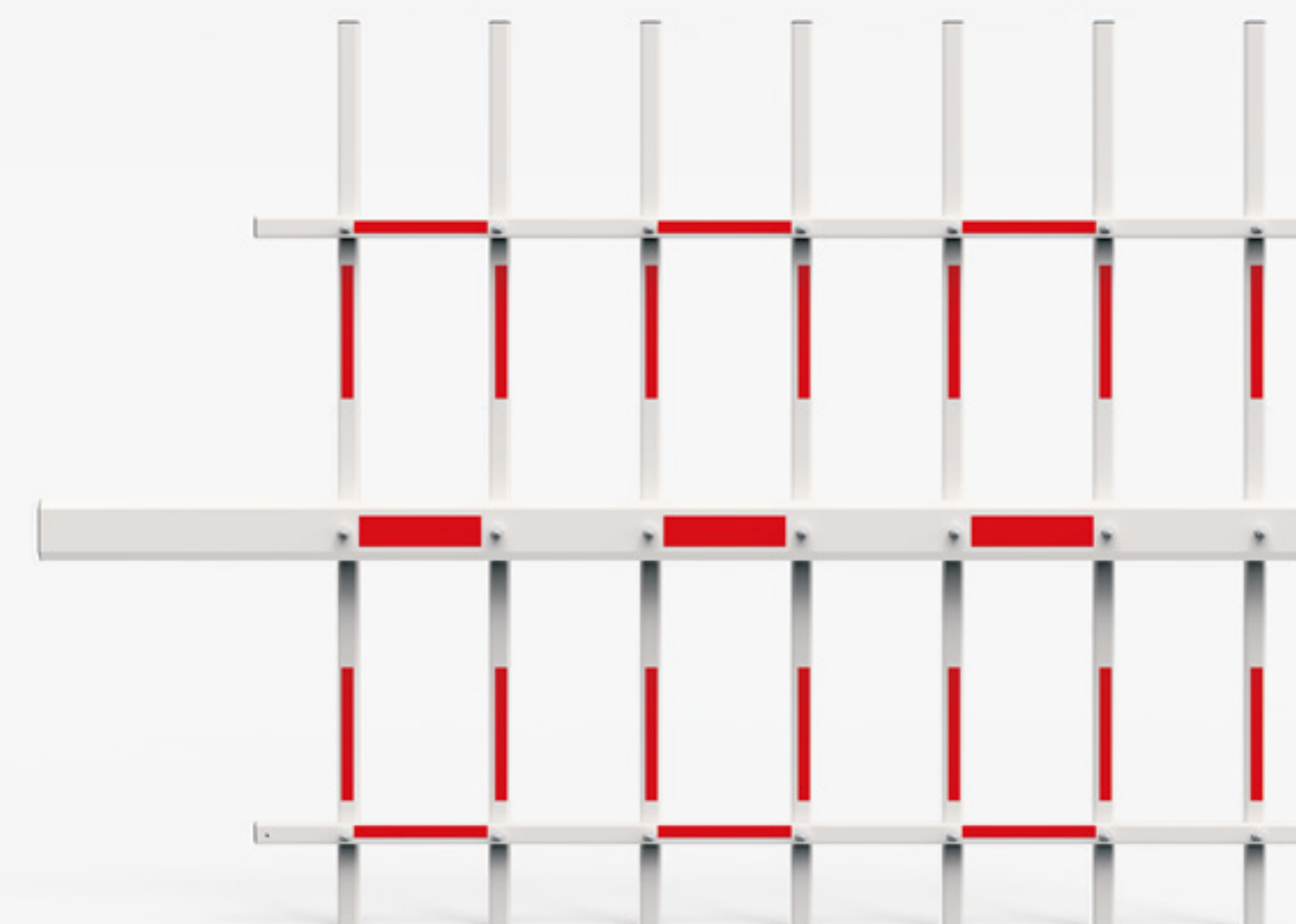
Two Fence Barrier Arm



250 Two Fence Barrier Arm

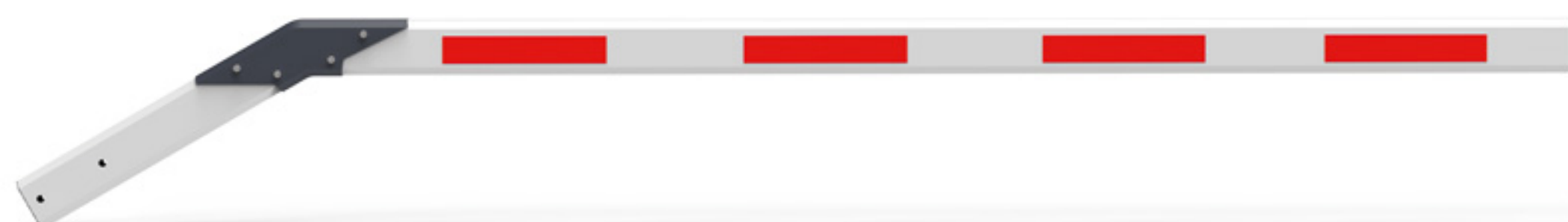


Three Fence Barrier Arm

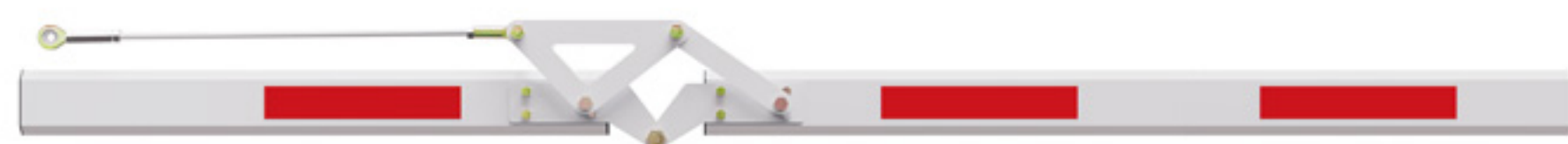




Ø50 Round Shape Curved Barrier Arm



Curved Barrier Arm



180° Folding Barrier Arm



90° Folding Barrier Arm



90° Round Shape Folding Barrier Arm



Inflatable Barrier Arm

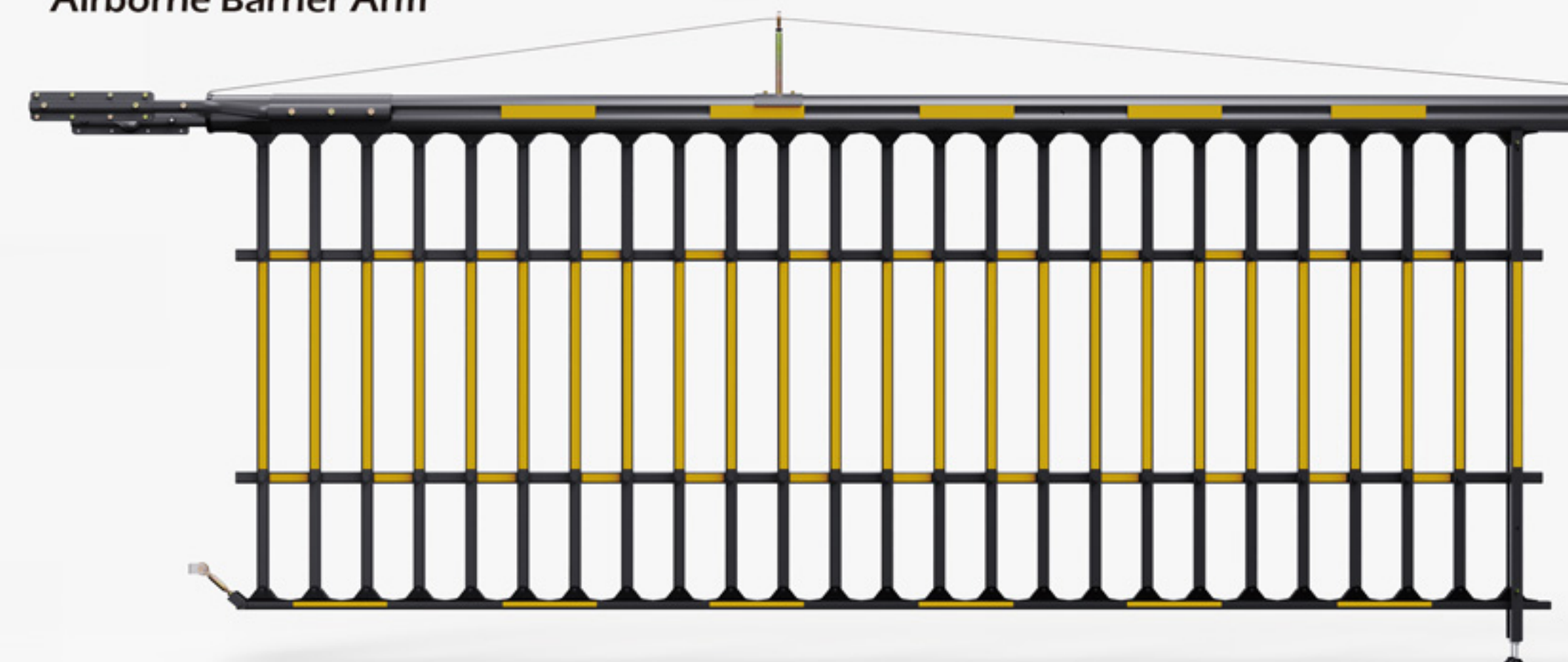
90° Folding Two Fence Barrier Arm



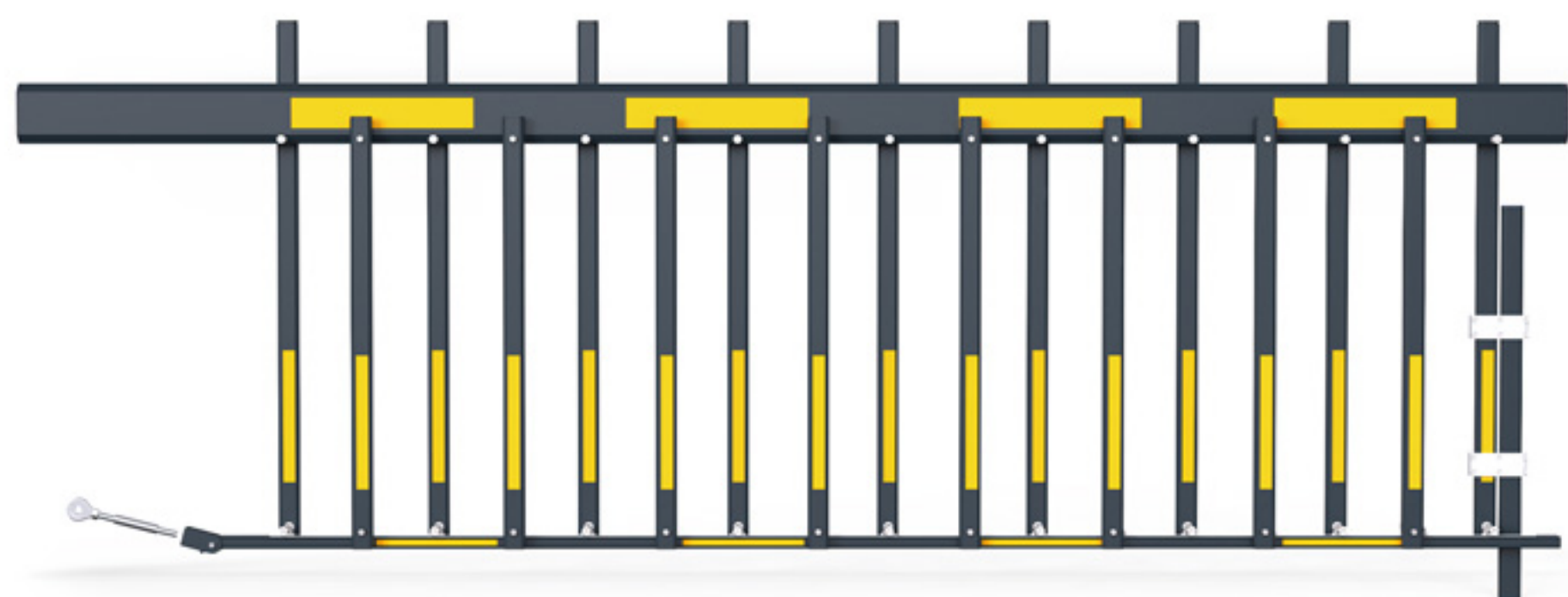
Invisible Mesh Encryption Fence Arm



Airborne Barrier Arm



Two Fence Encryption Barrier Arm



Light Box Advertising Barrier Arm



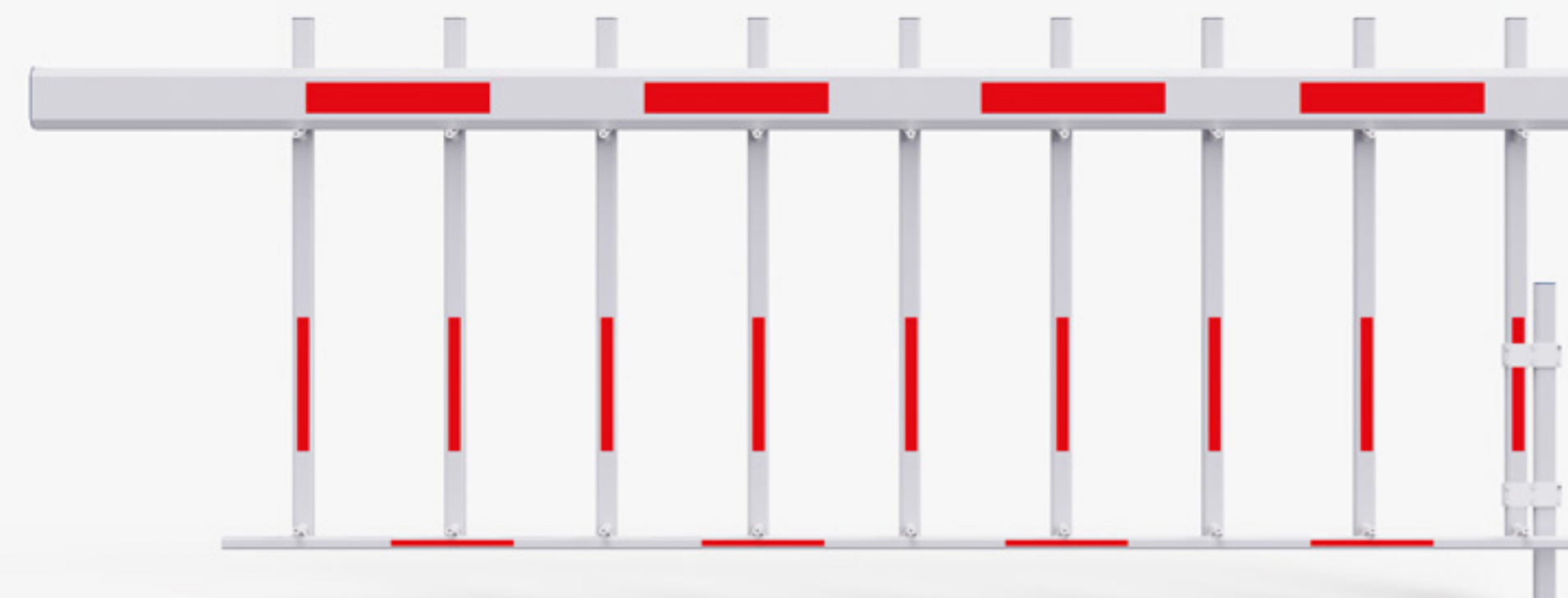
Lightweight Advertising Barrier Arm



90° Folding Oval Non-punching Two Fence Barrier Arm



Non-punching Two Fence Barrier Arm



Heavyweight Advertising Barrier Arm



Servo Sliding Gate Opener

SF-PY-2337-200W

SF-PY-2337-750W



This is a new generation of servo sliding door opener with three important technological breakthroughs. First of all, the structural problems of low transmission efficiency, large wear, high noise, short life and low torque of the worm gear reducer are solved. Secondly, it solves many problems such as inaccurate mechanical limit or magnetic limit and difficulty in debugging. Finally, it solves the inconvenient problem of requiring the manual clutch to be turned on to start during a power outage. This product adopts a horizontal planetary reducer design, which has low wear, long life, high efficiency, high torque, and low noise. There is no need to manually open the clutch device during a power outage. Moreover, it adopts permanent magnet rare earth 24V brushless motor transmission, which does not generate heat, does not demagnetize, has low power consumption, is energy-saving and environmentally friendly. The use of absolute encoder limiters can achieve high accuracy, no need for debugging, no need for learning during power outages. It has an intelligent drive system, the speed can be adjusted arbitrarily and always ensure balanced operation. The slow opening and closing function is smooth and in place without any frustration, and is accurately maintained at the preset position. In the event of a power outage, it can be remotely unlocked and the door can be opened manually quickly. This is an innovative and highly intelligent product that can be controlled remotely using 4G, APP and WiFi to operate the door!

PRODUCT PARAMETER

Product Name	Servo Sliding Gate Opener	Servo Sliding Gate Opener
Product Model	SF-PY-2337-200W	SF-PY-2337-750W
Product Size	209×286×326 (mm)	209×286×326 (mm)
Working Temperature	-35℃~+75℃	-35℃~+75℃
Power Supply	DC24V/AC110V/220V 50/60Hz	DC24V/AC110V/220V 50/60Hz
Running Speed	20m/min	38m/min
Rated Power	200W	750W
Driving Method	Servo Motor	Servo Motor
Output Torque	65N.m	120N.m
No-load Noise	≤56dB	≤56dB
Protection Class	IP58	IP58
Motor No-load Speed	3000r/min	3000r/min
Applicable Gate Weight	500KG-2000KG	2500KG-6500KG

DC Brushless Sliding Gate Opener

DC-PY-2338-160W

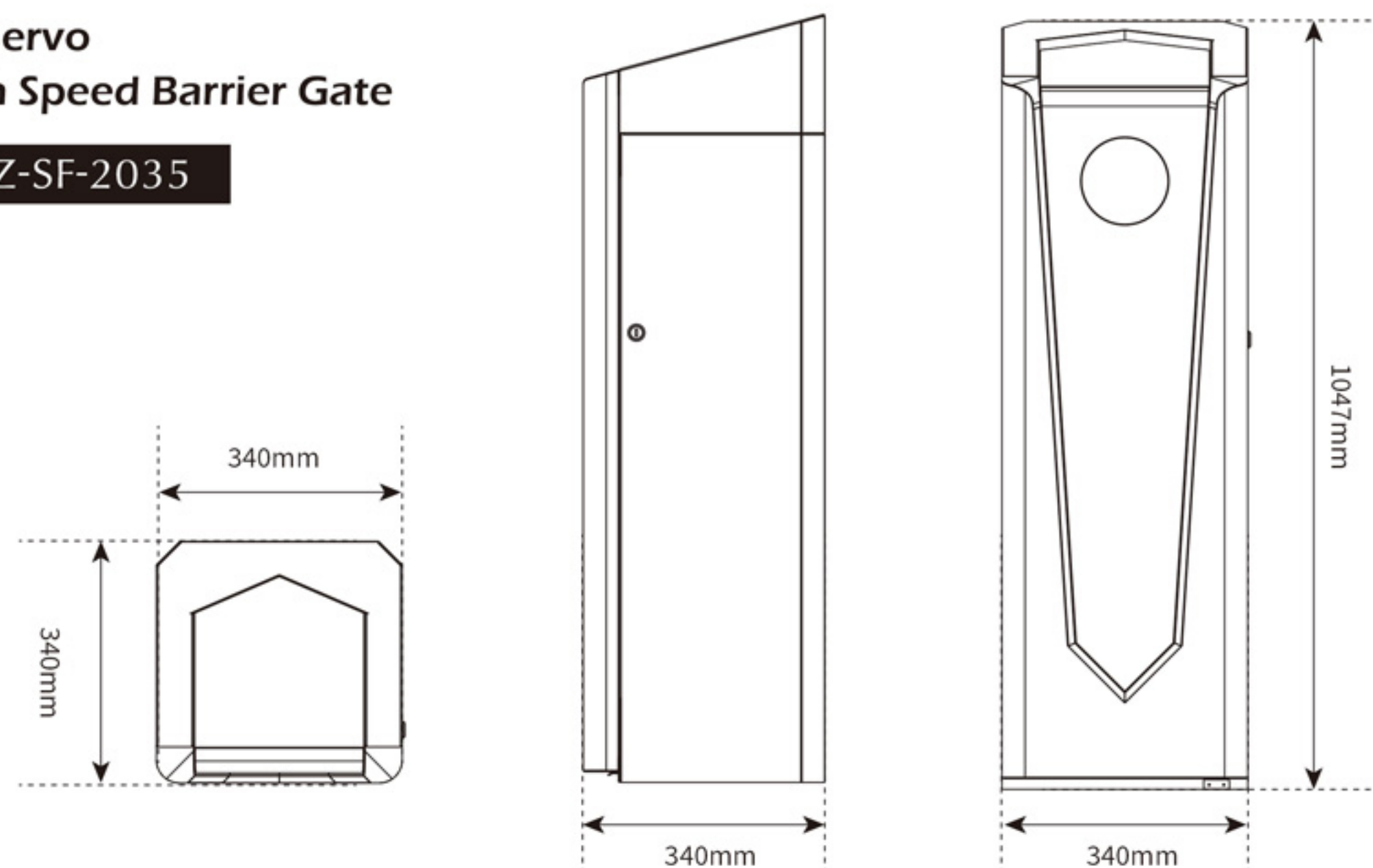
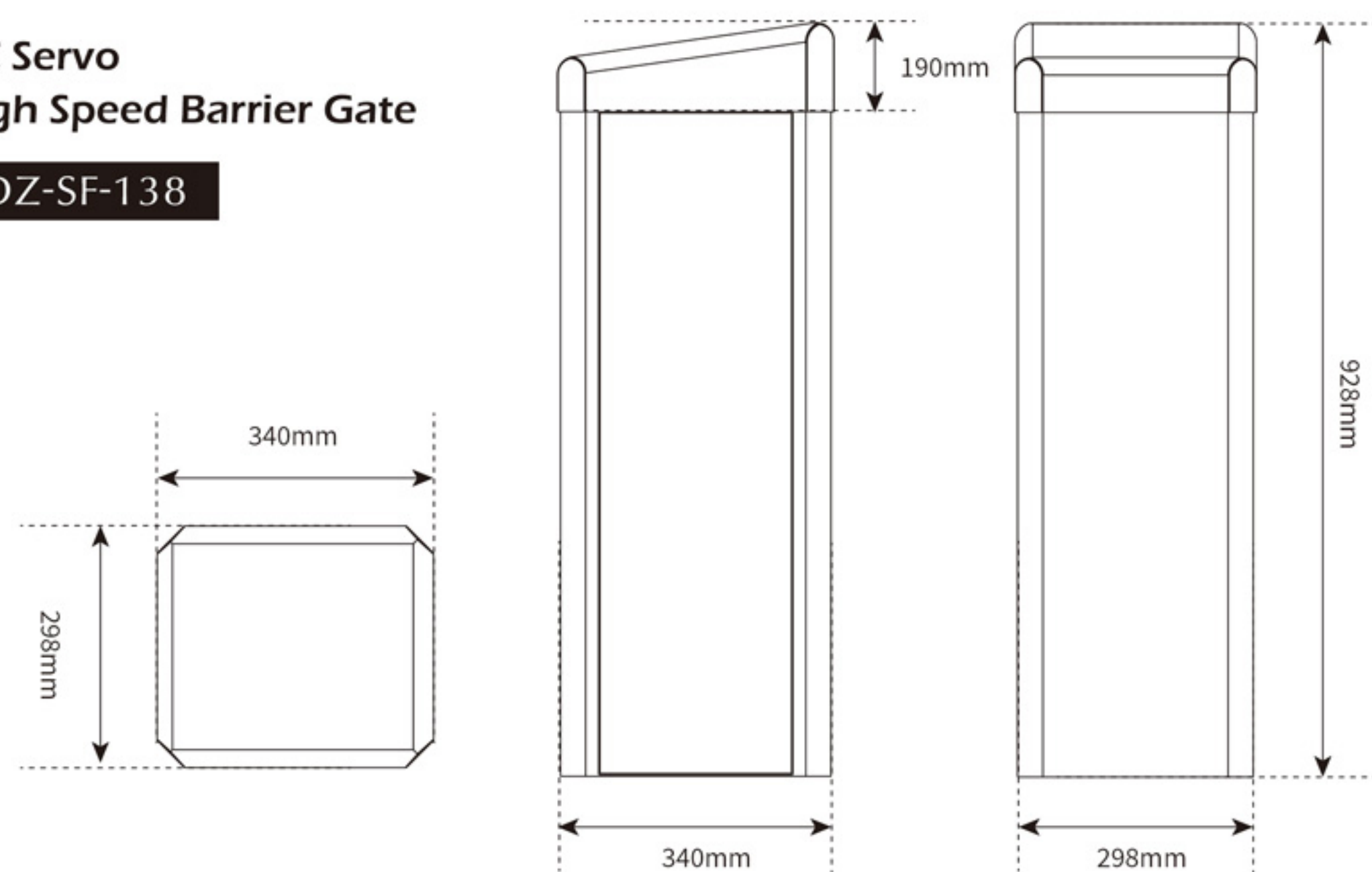
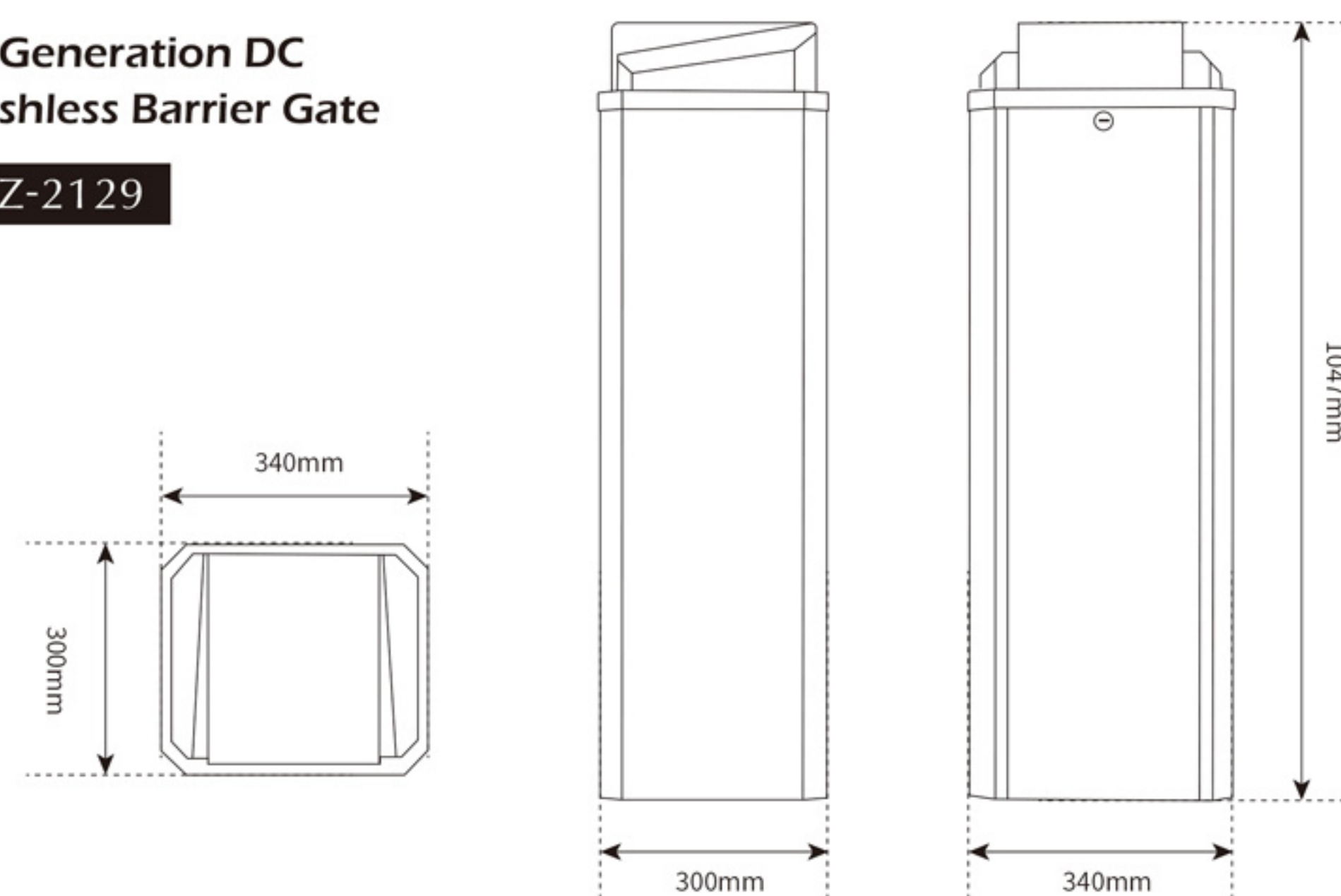
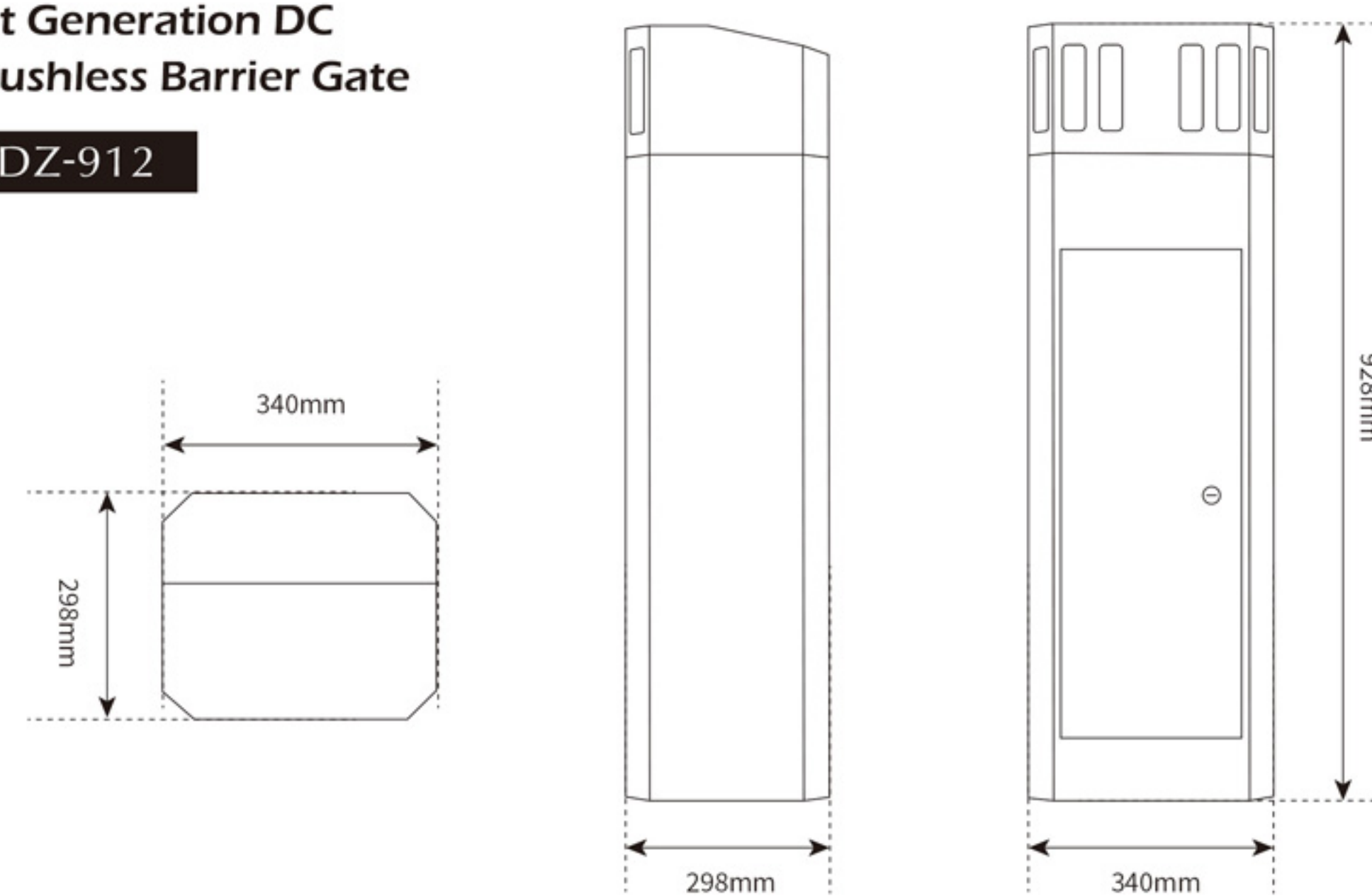
DC-PY-2338-350W

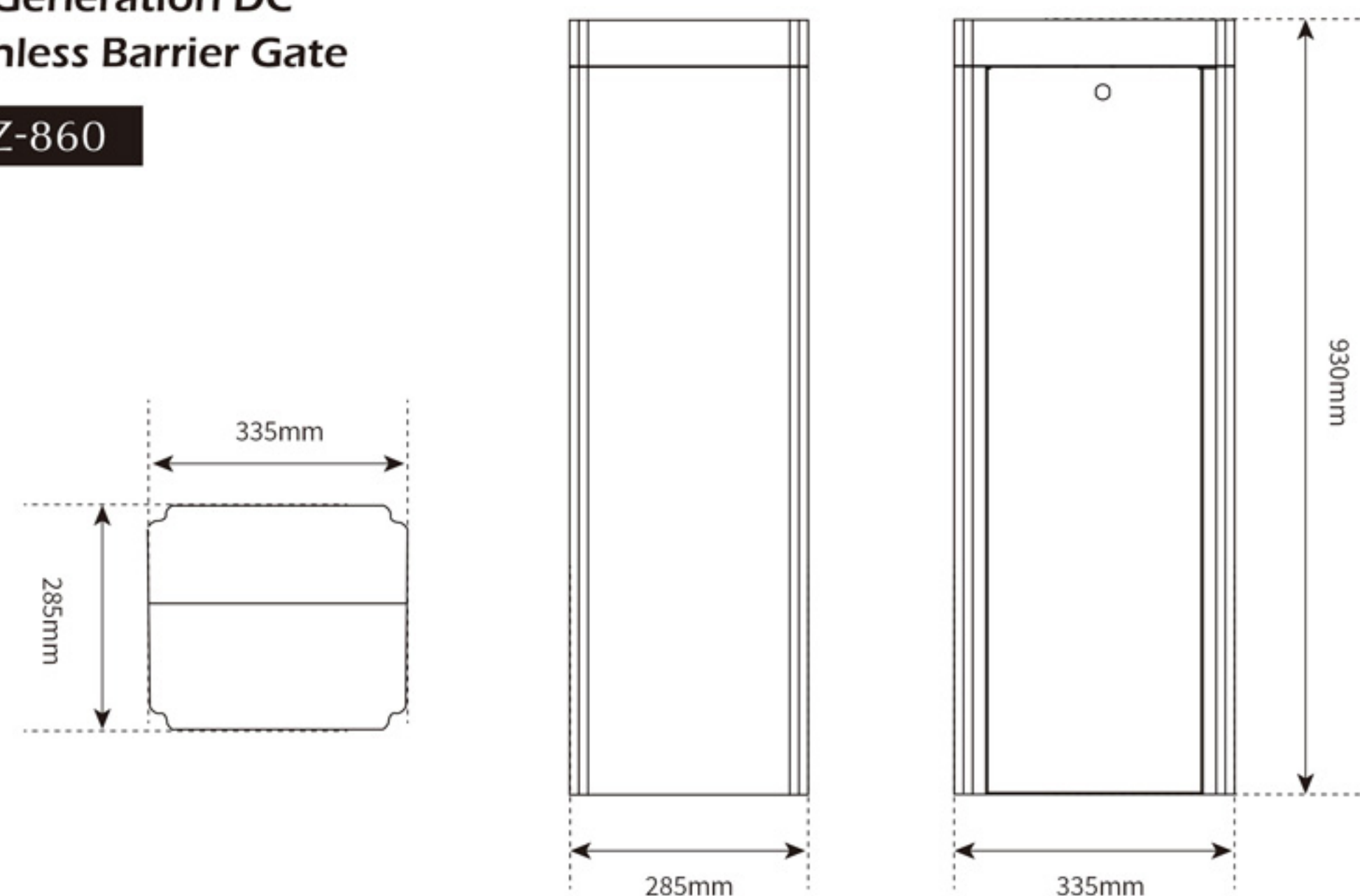
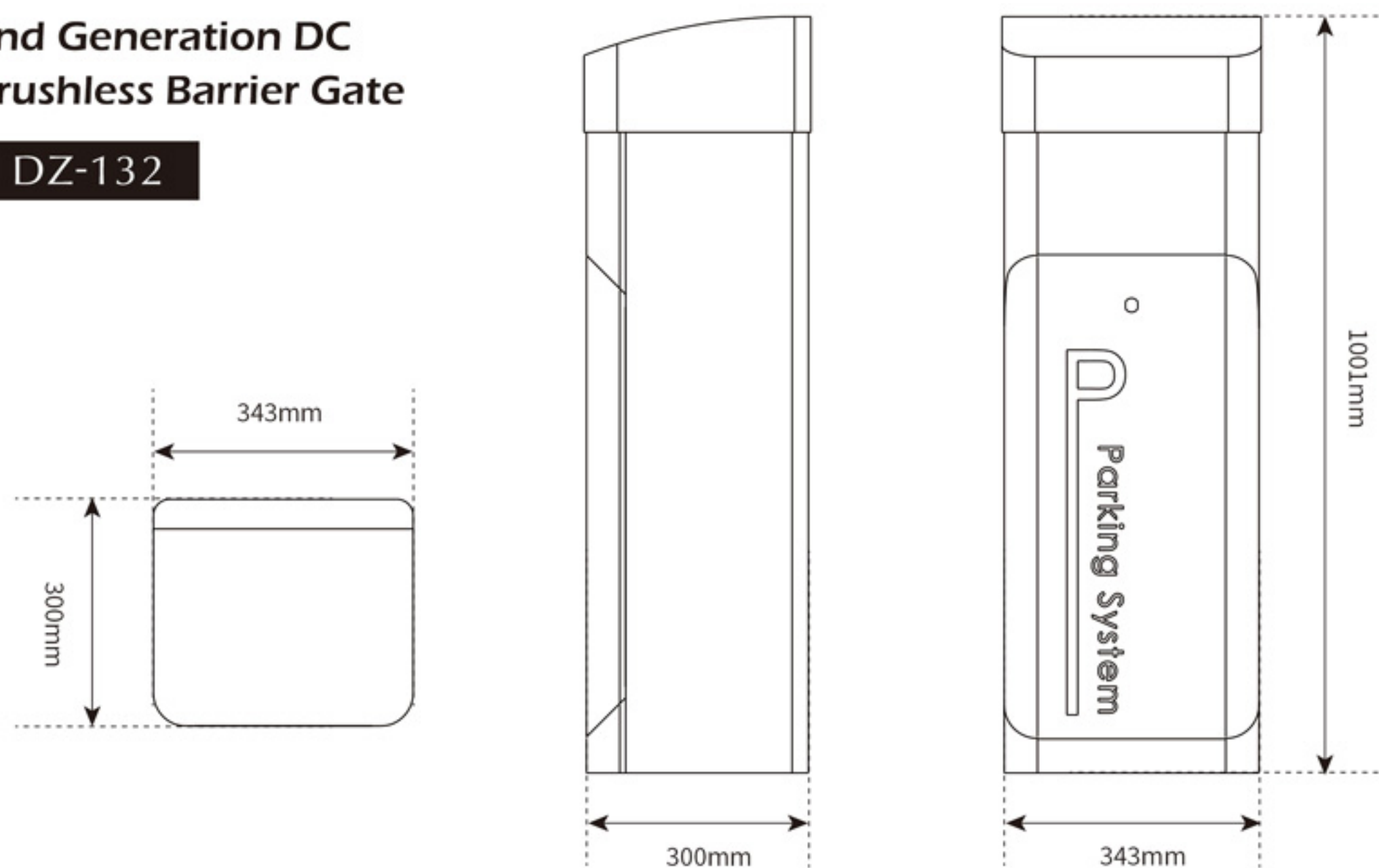
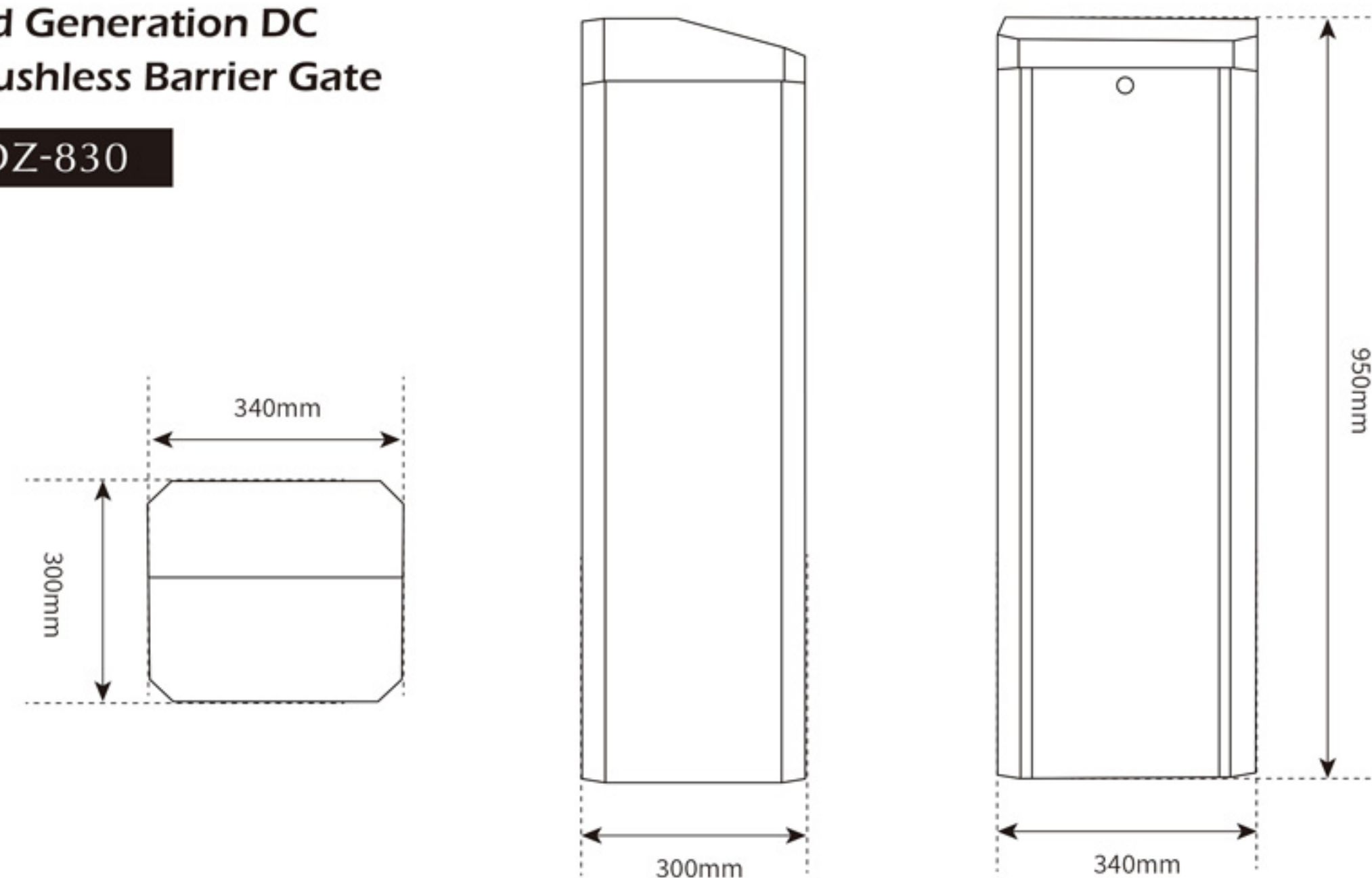
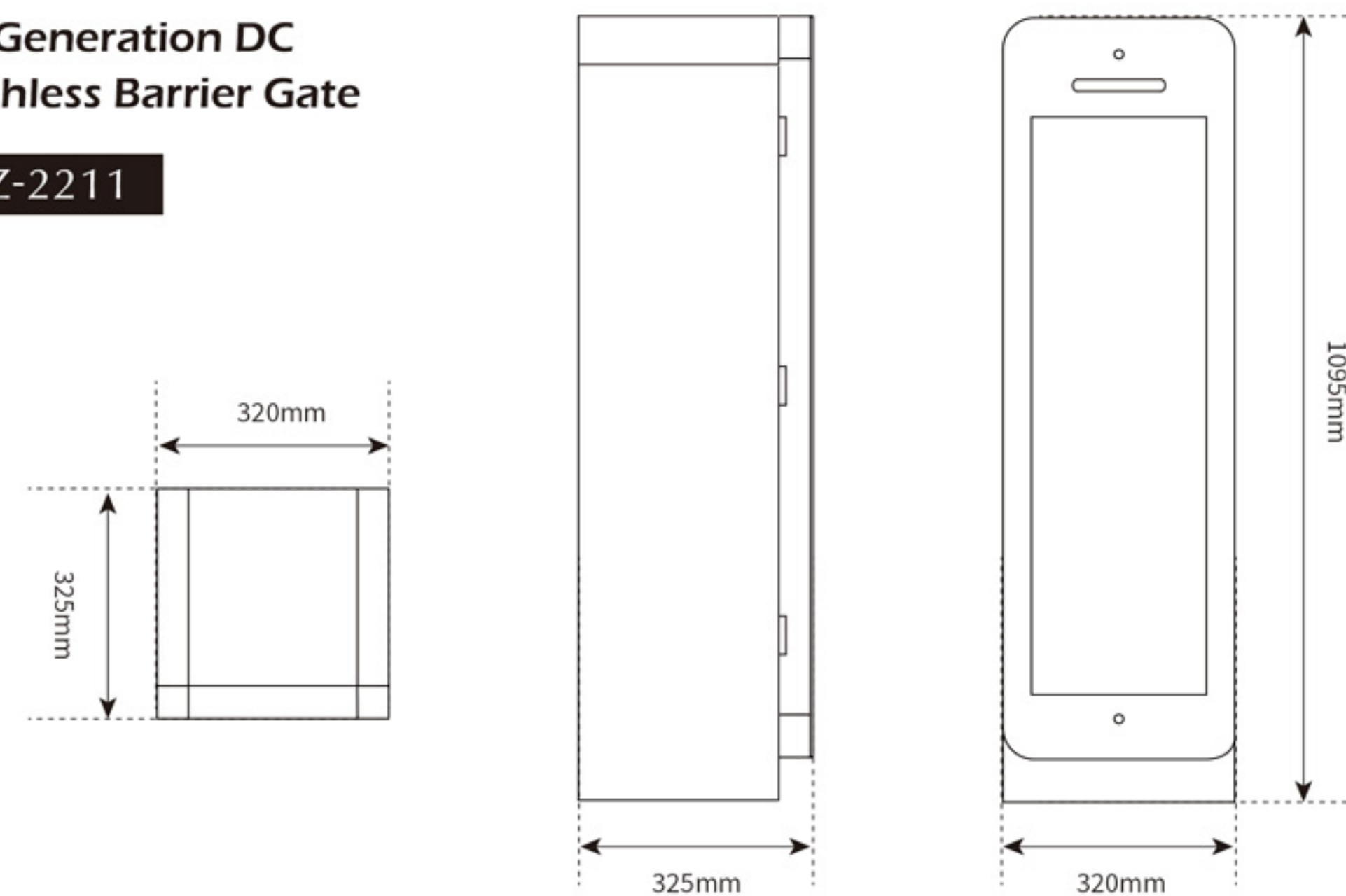


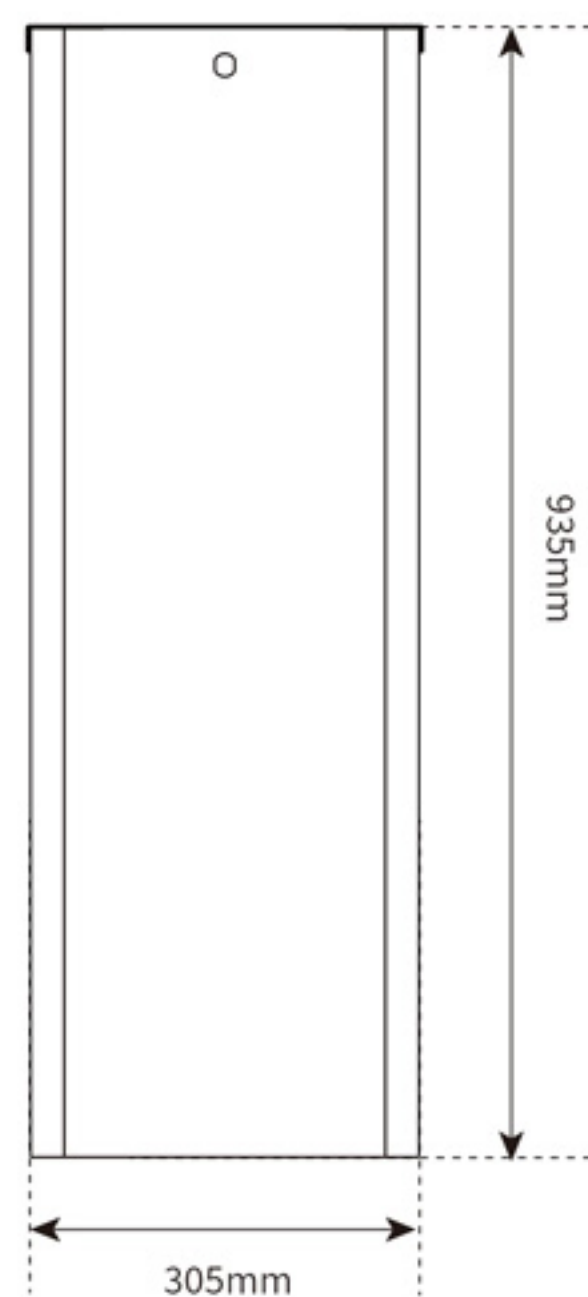
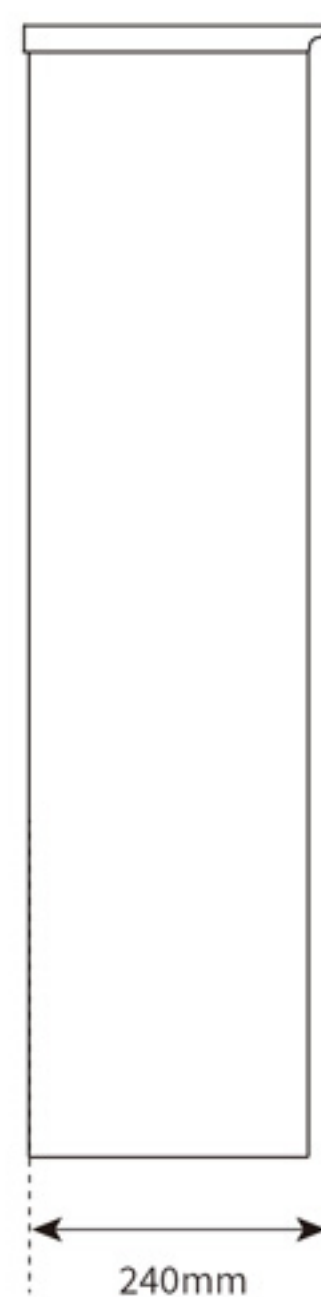
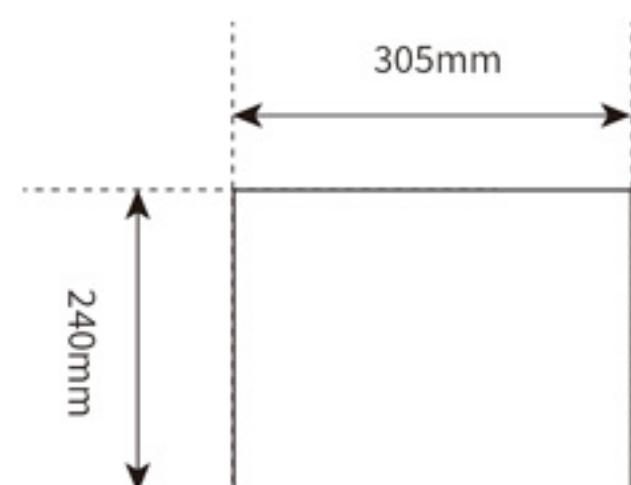
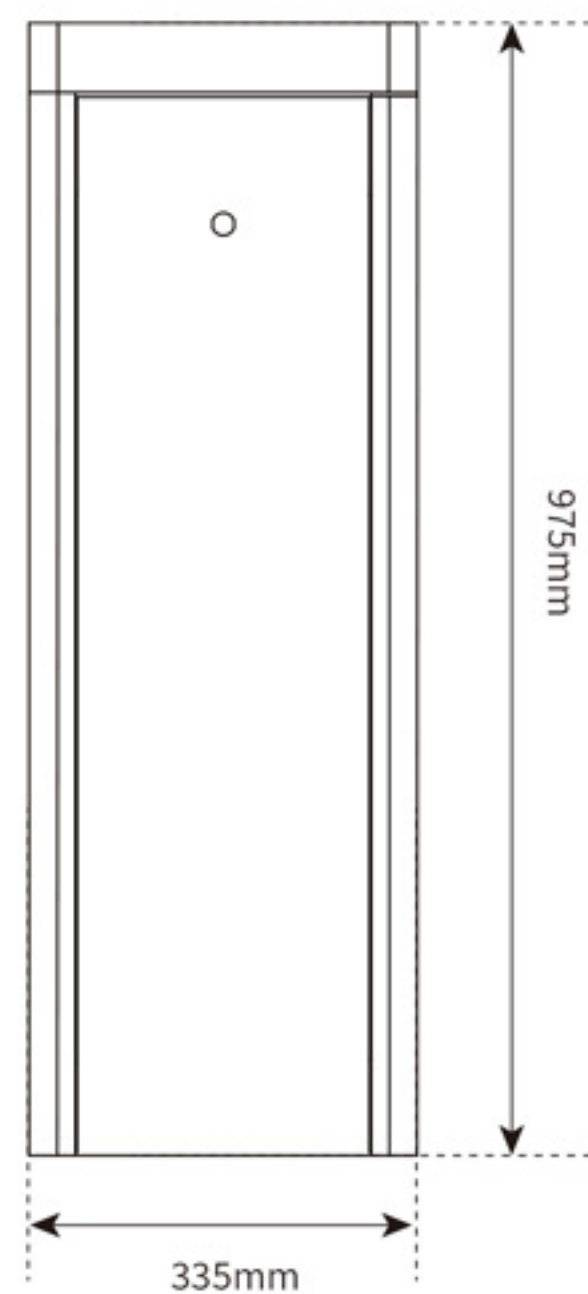
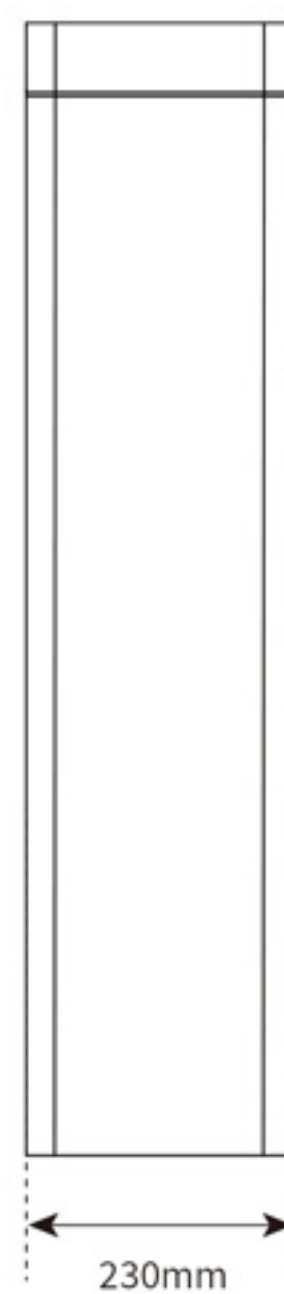
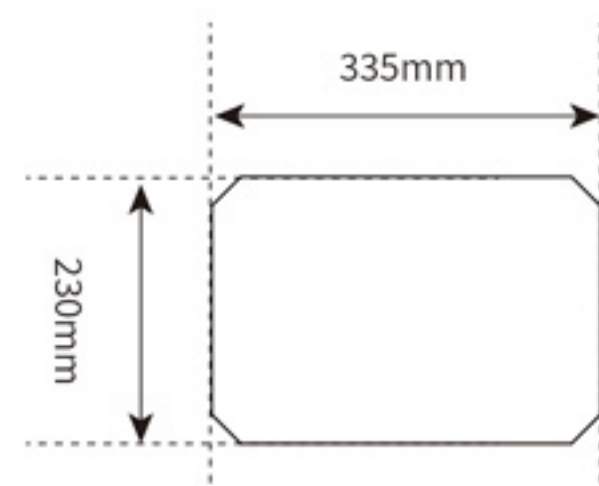
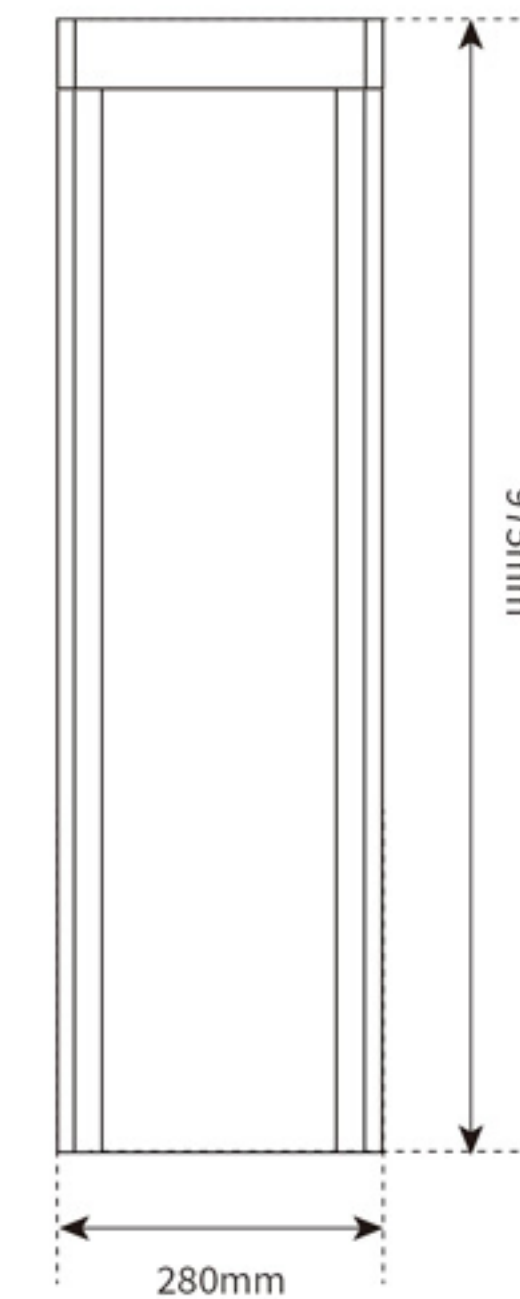
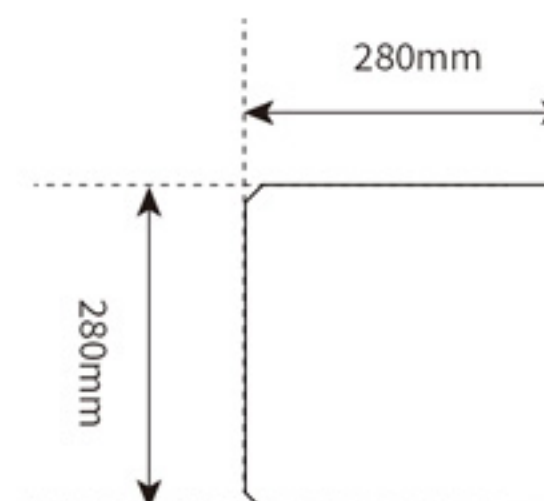
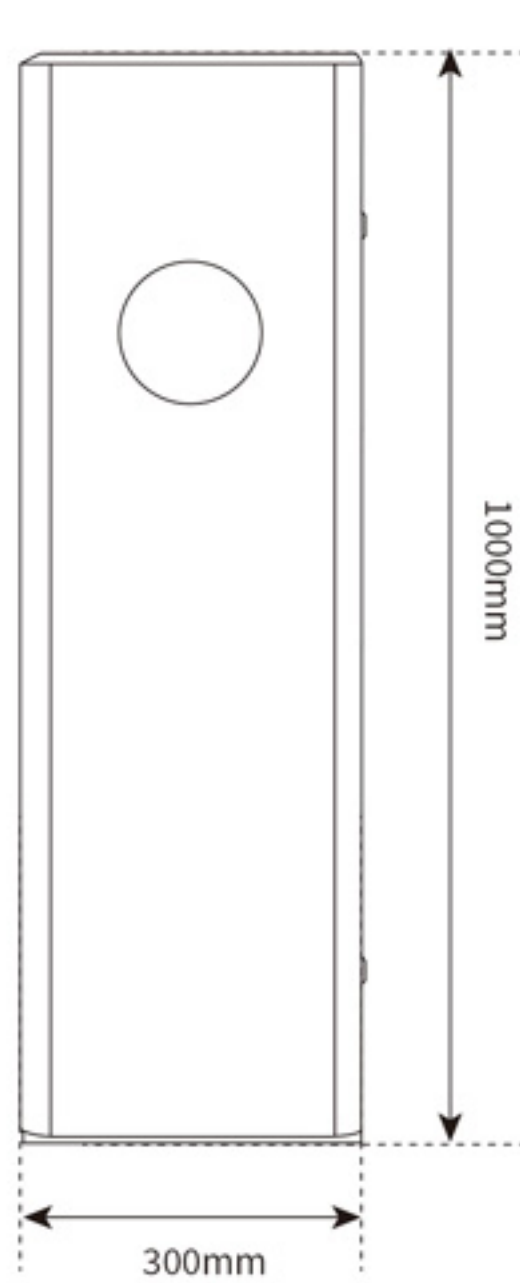
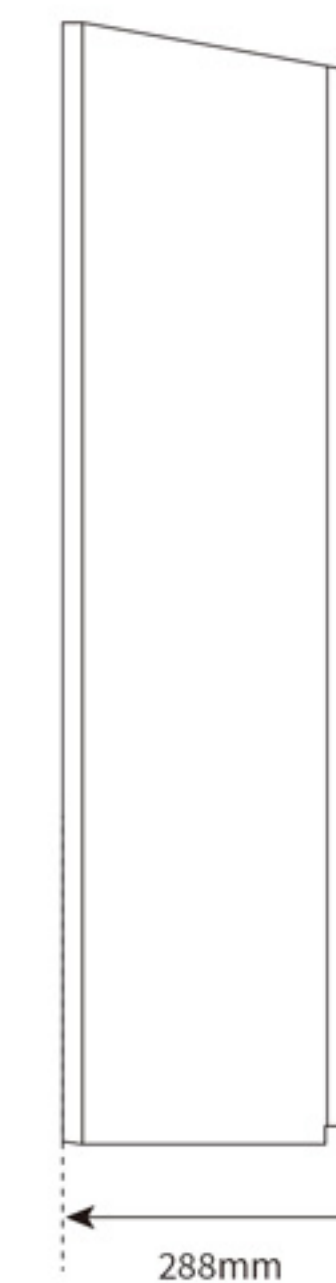
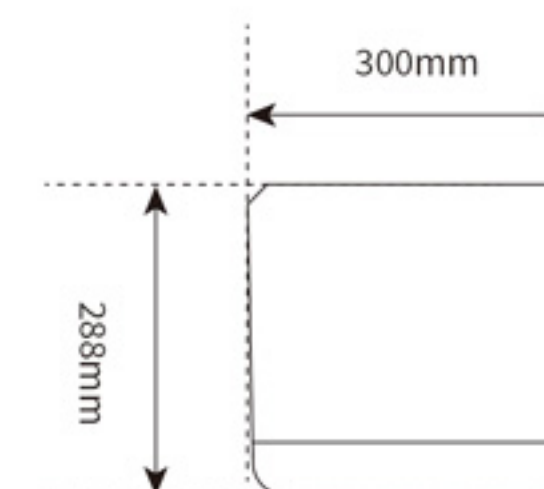
This is a new generation of DC brushless sliding door opener with several major breakthroughs. First of all, it solves the problems of difficult brushless control and high motor cost. Secondly, it improves the problem that traditional brushed motors have short lifespan and need to replace carbon brushes. Thirdly, it solves the structural problems of low transmission efficiency, large wear, high noise, short life and small torque of the worm gear reducer. Fourthly, it solves many problems such as inaccurate mechanical limit or magnetic limit and difficulty in debugging. Finally, it solves the inconvenient problem of requiring the manual clutch to be turned on to start during a power outage. The new generation brushless sliding door opener not only adopts the design of gear plus worm gear reducer, but also has low wear, long life, high efficiency, high torque and low noise. There is no need to manually open the clutch device during power outage. Moreover, it adopts permanent magnet rare earth 24V brushless motor transmission, which does not generate heat, does not demagnetize, has low power consumption, is energy-saving and environmentally friendly. Using Hall limit, it is accurate and requires no debugging. The speed can be adjusted arbitrarily with the intelligent drive system. The slow opening and closing are smooth and in place without any frustration, and can be accurately maintained at the preset position. In the event of a power outage, the remote control can unlock the door quickly and manually. This is a highly intelligent and innovative product that can be controlled using 4G, APP and WiFi!

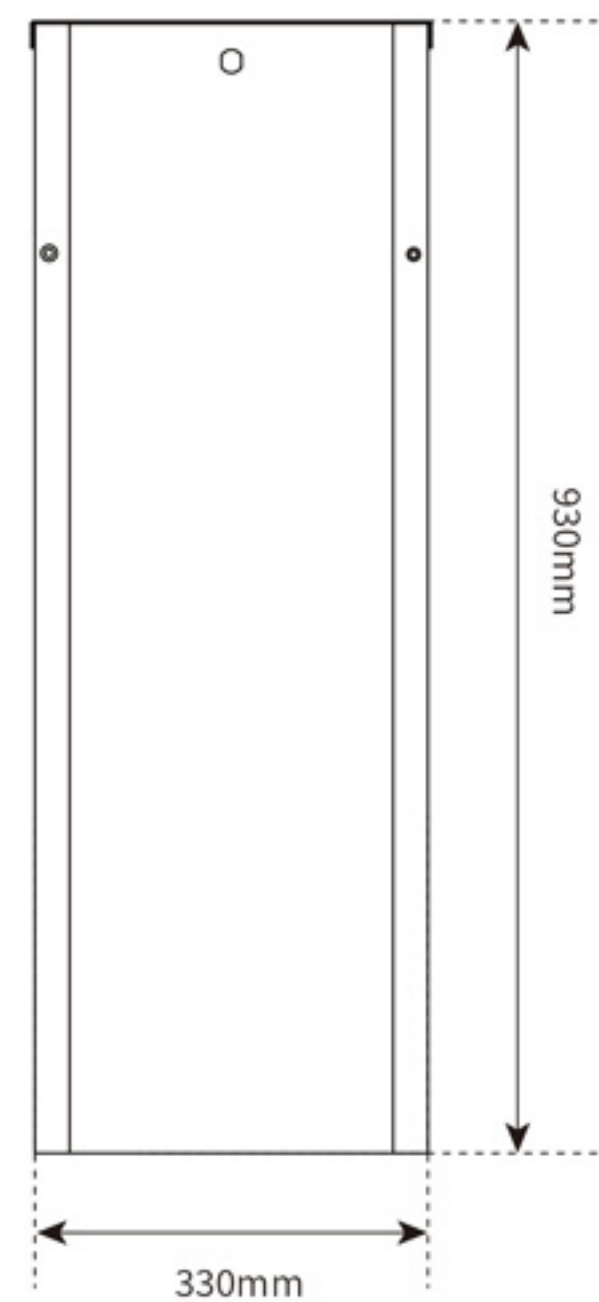
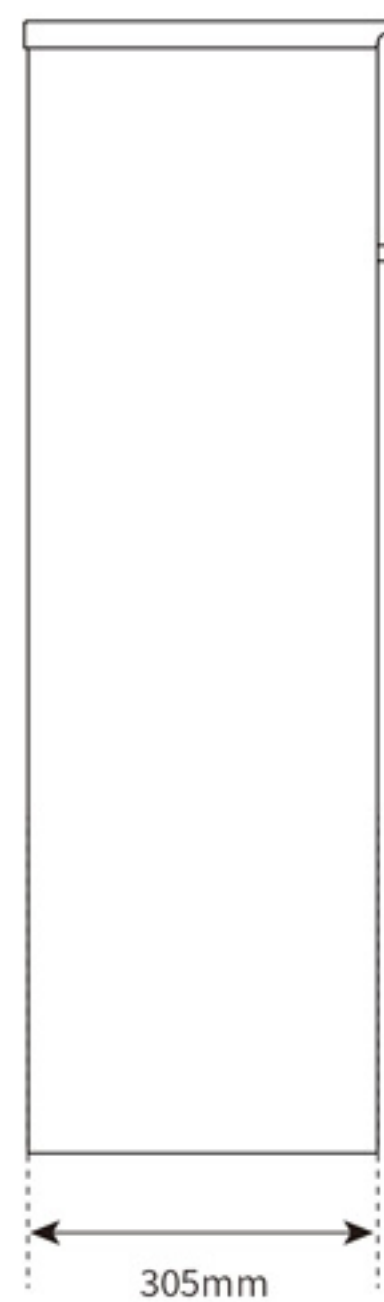
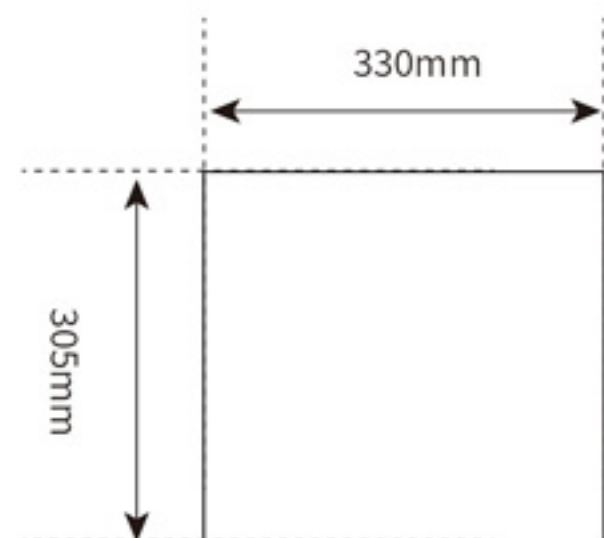
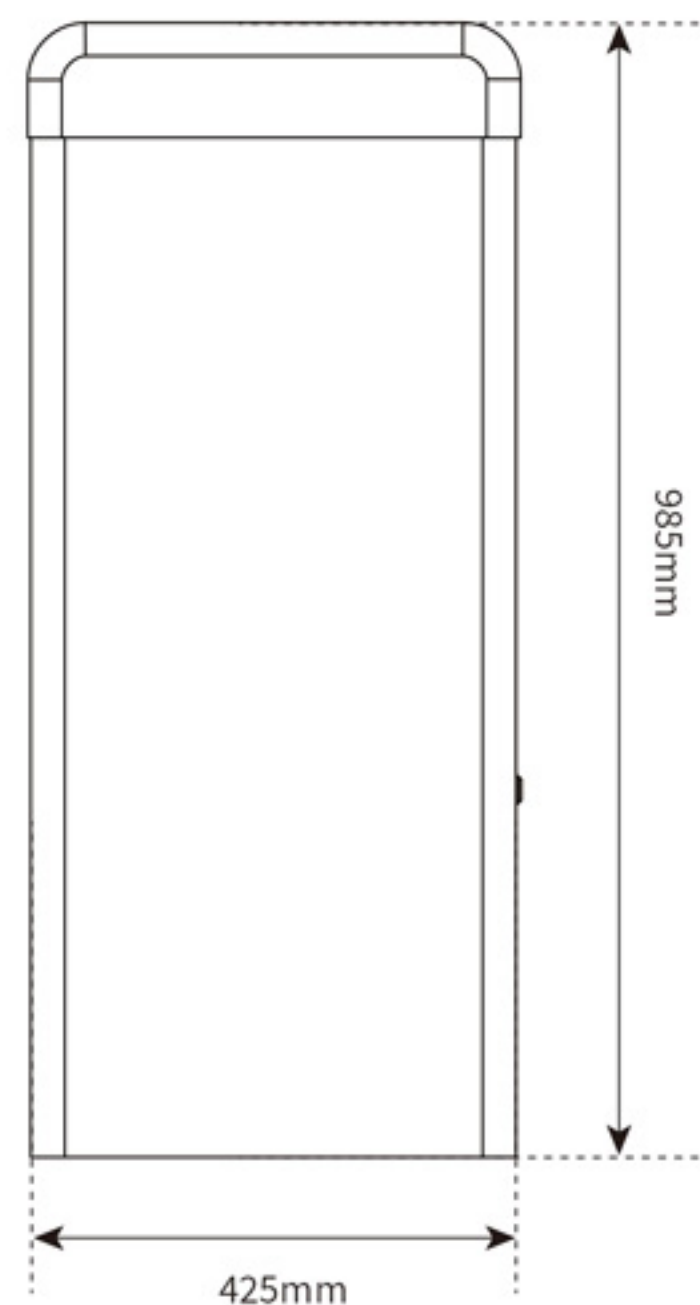
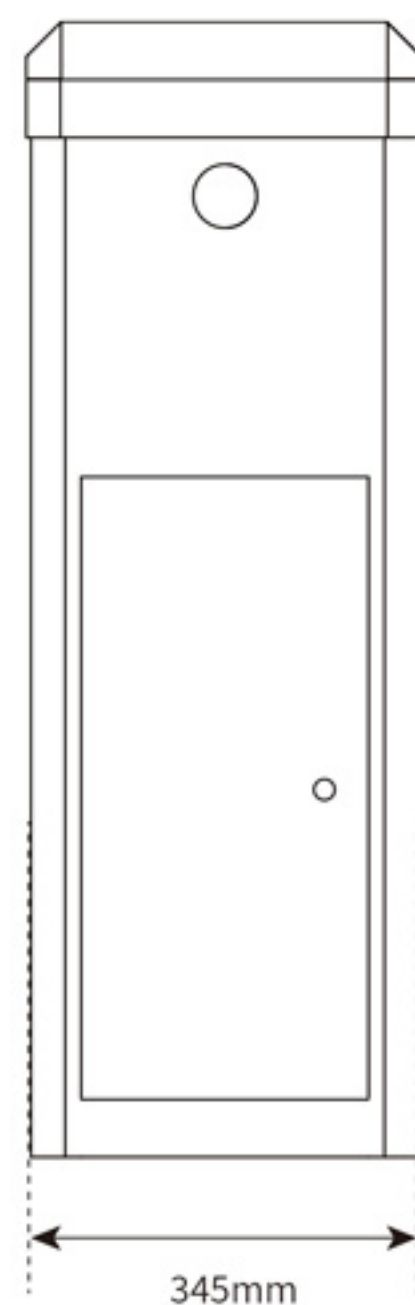
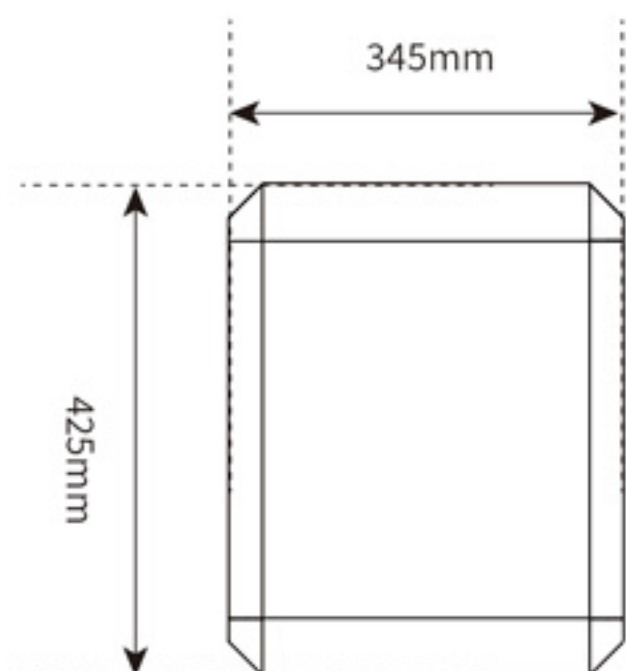
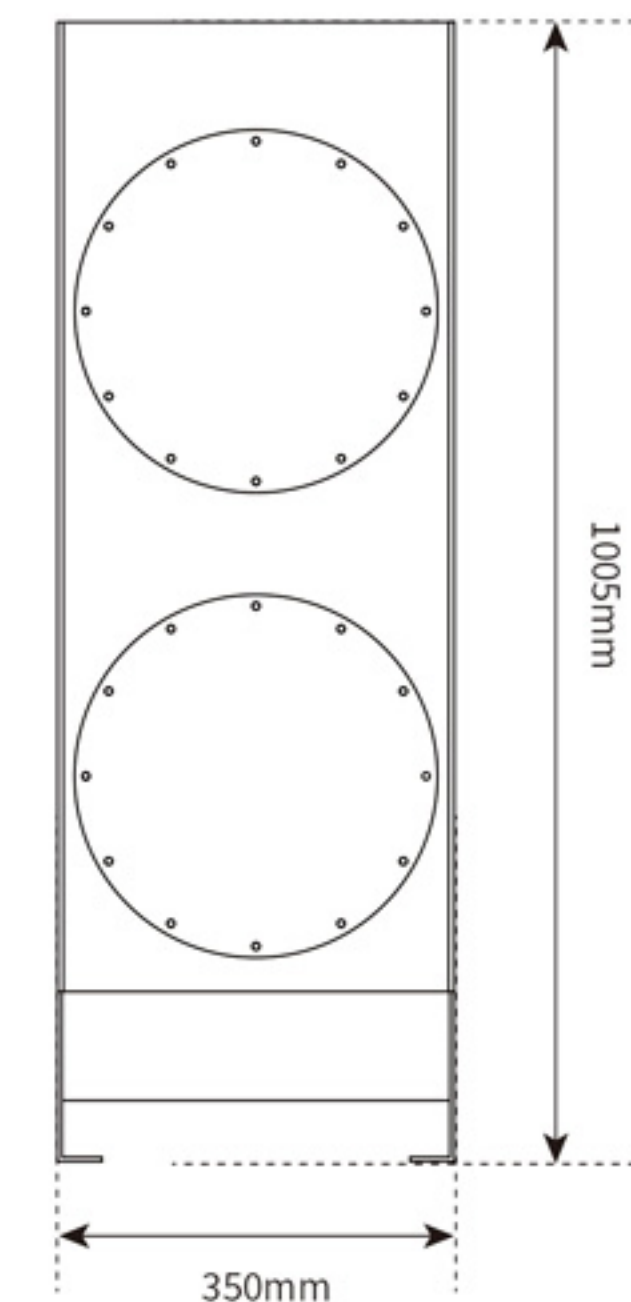
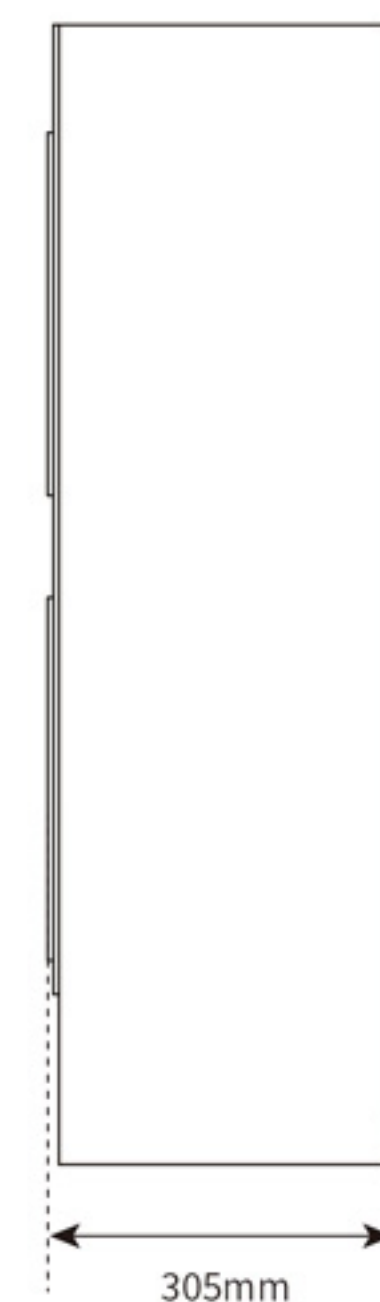
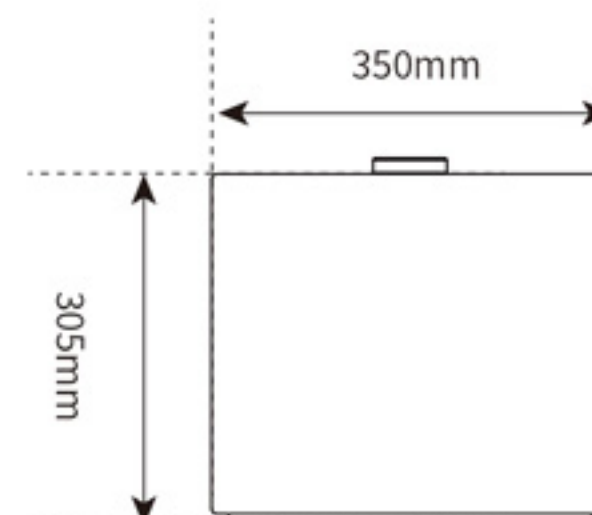
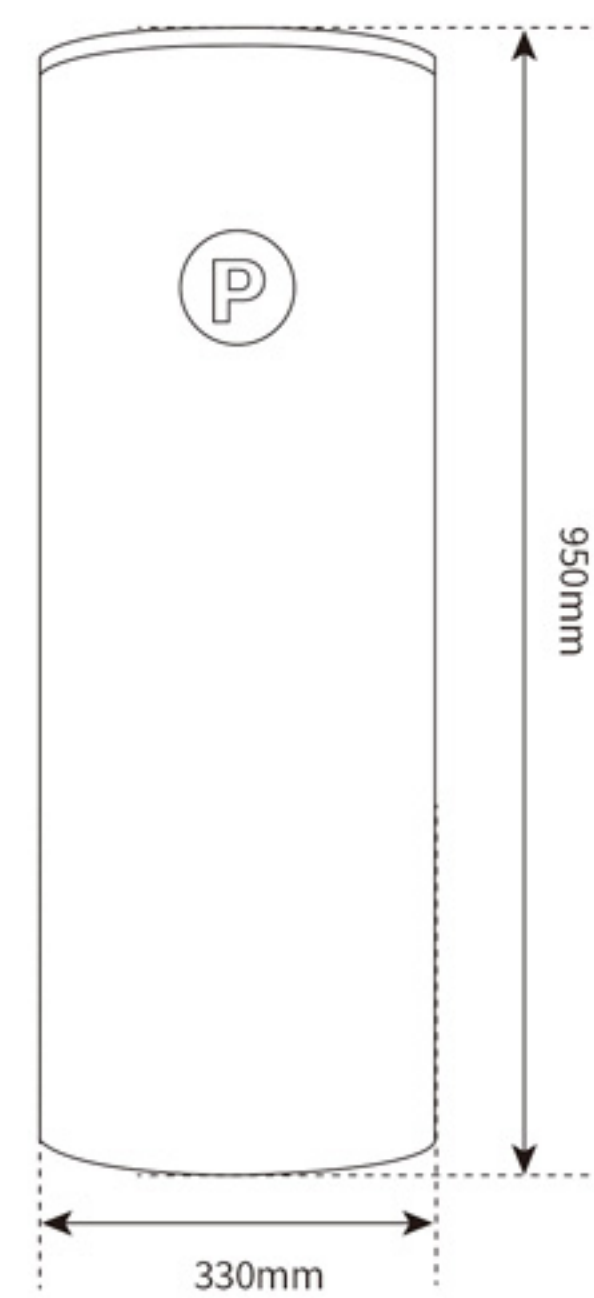
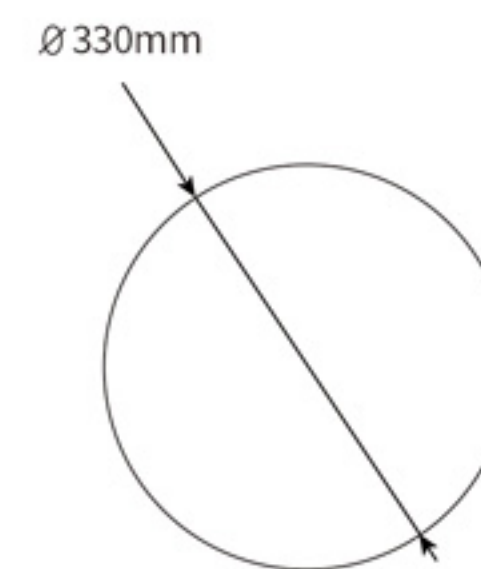
PRODUCT PARAMETER

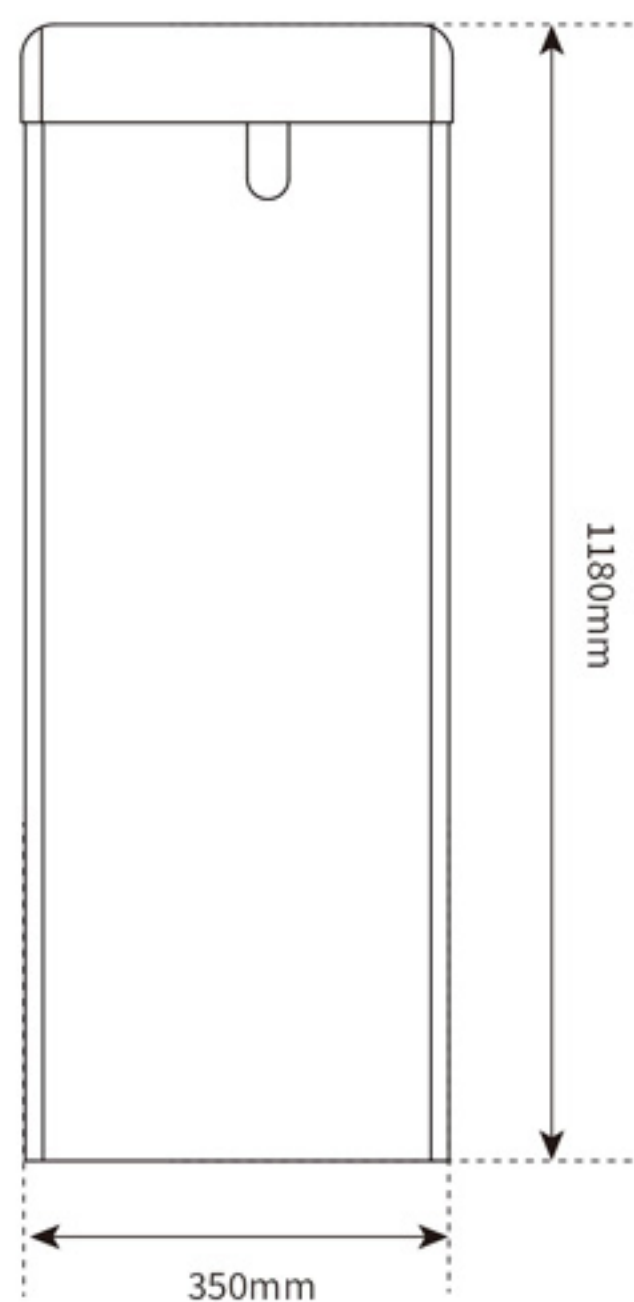
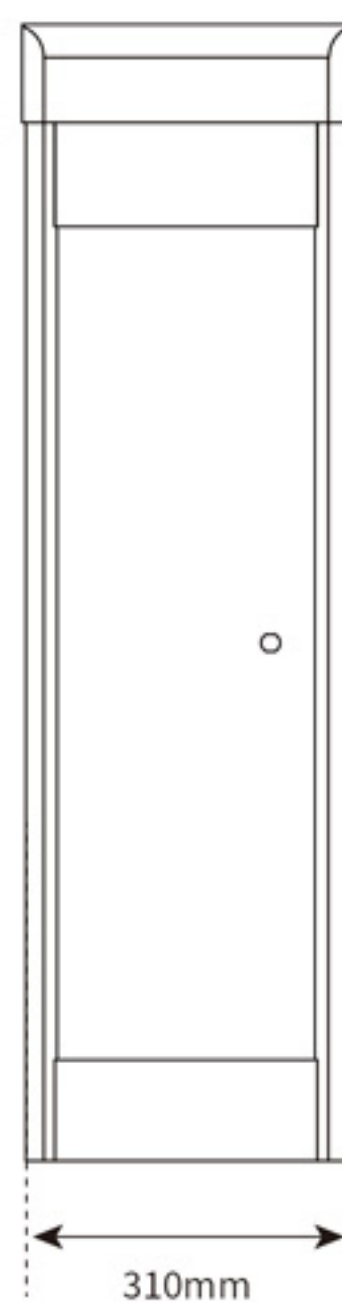
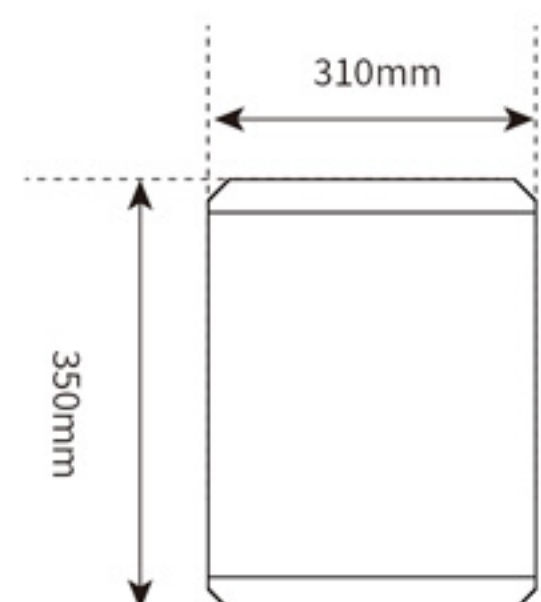
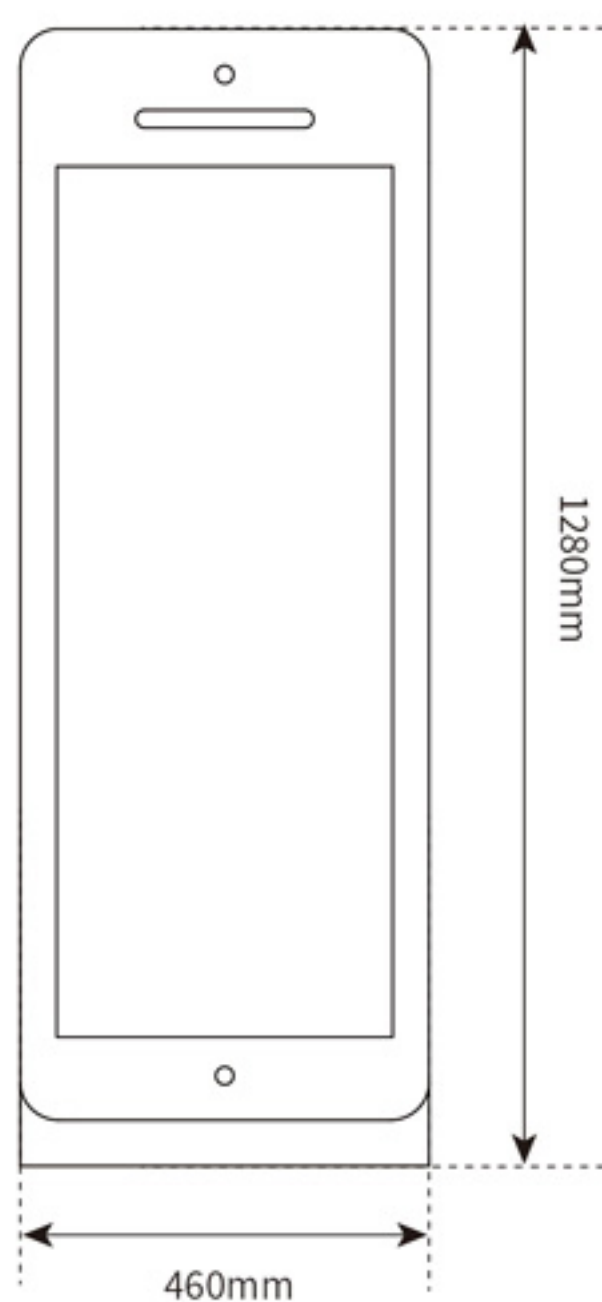
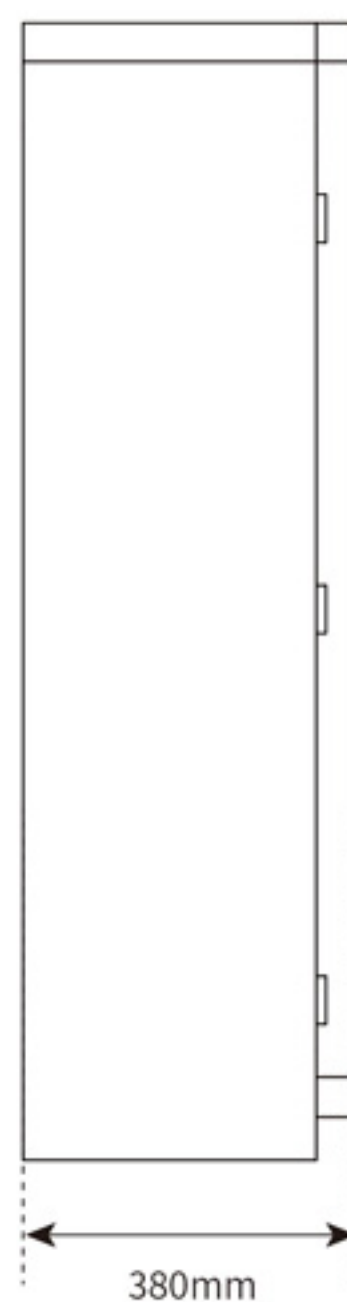
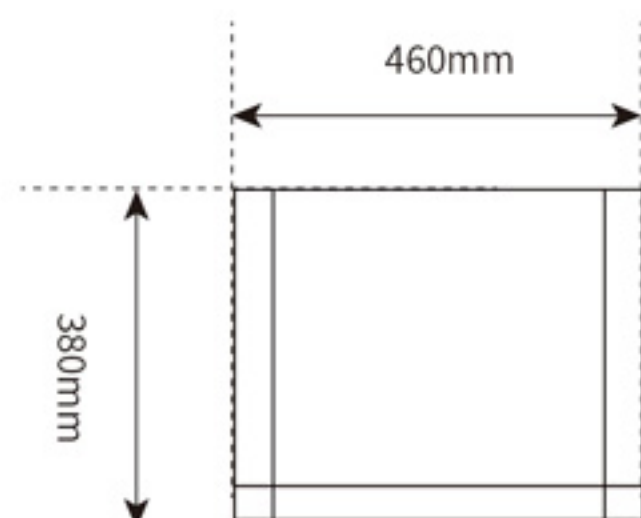
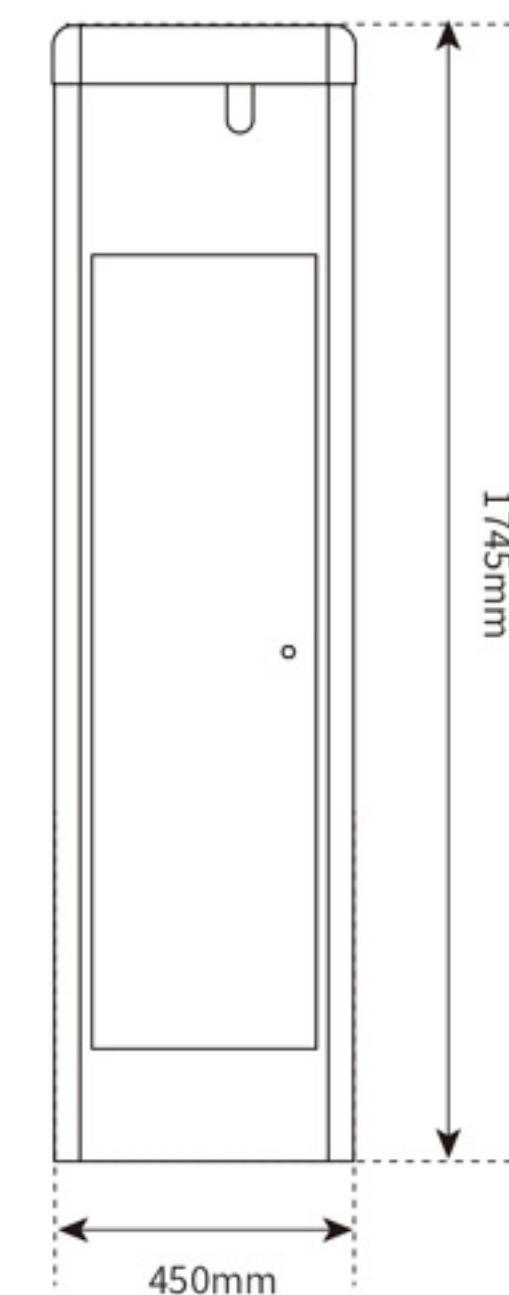
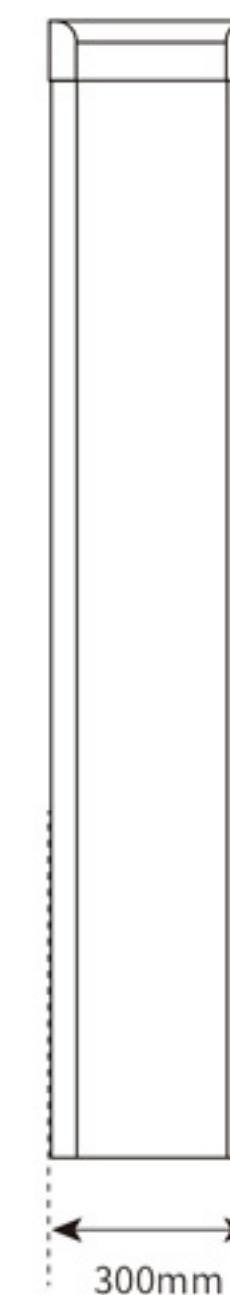
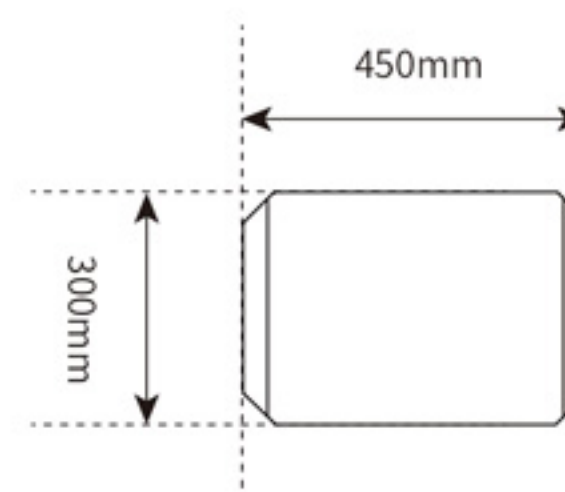
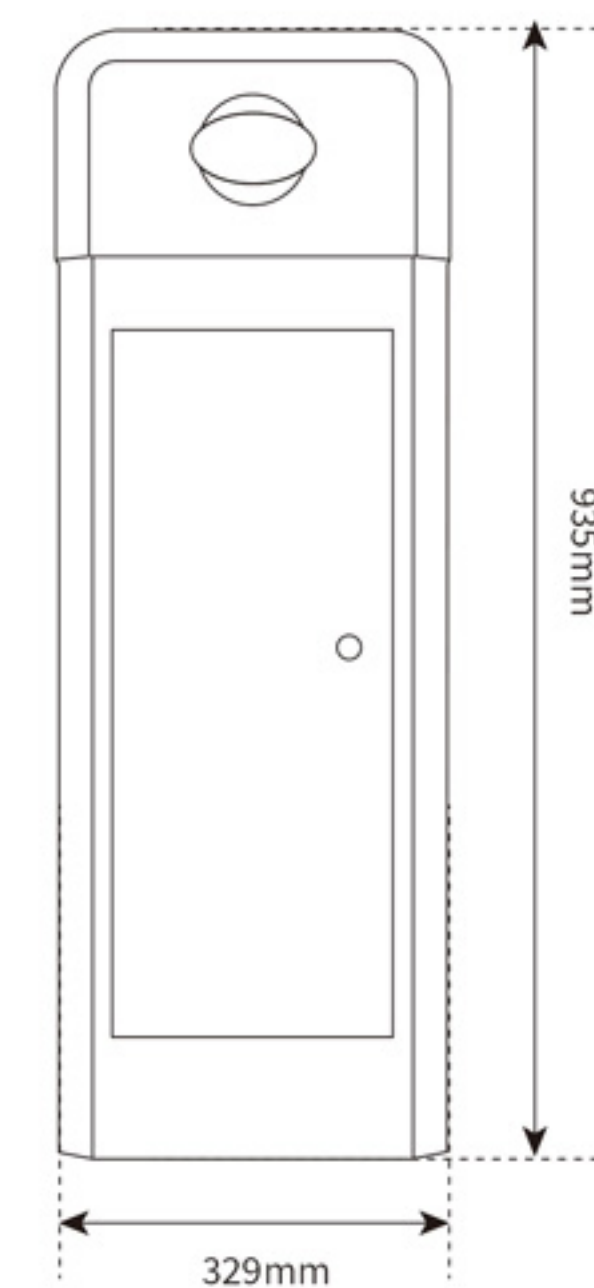
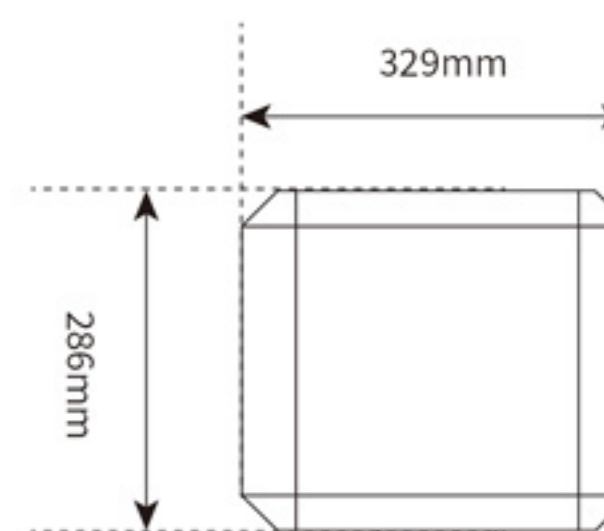
Product Name	DC Brushless Sliding Gate Opener	DC Brushless Sliding Gate Opener
Product Model	DC-PY-2338-160W	DC-PY-2338-350W
Product Size	209×286×326 (mm)	209×286×326 (mm)
Working Temperature	-35℃~+75℃	-35℃~+75℃
Power Supply	DC24V/AC110V/220V 50/60Hz	DC24V/AC110V/220V 50/60Hz
Running Speed	20m/min	24m/min
Rated Power	160W	350W
Driving Method	DC Brushless Motor	DC Brushless Motor
Output Torque	55N.m	85N.m
No-load Noise	≤56dB	≤56dB
Protection Class	IP58	IP58
Motor No-load Speed	1850r/min	1850r/min
Applicable Gate Weight	500KG-1800KG	2000KG-3500KG

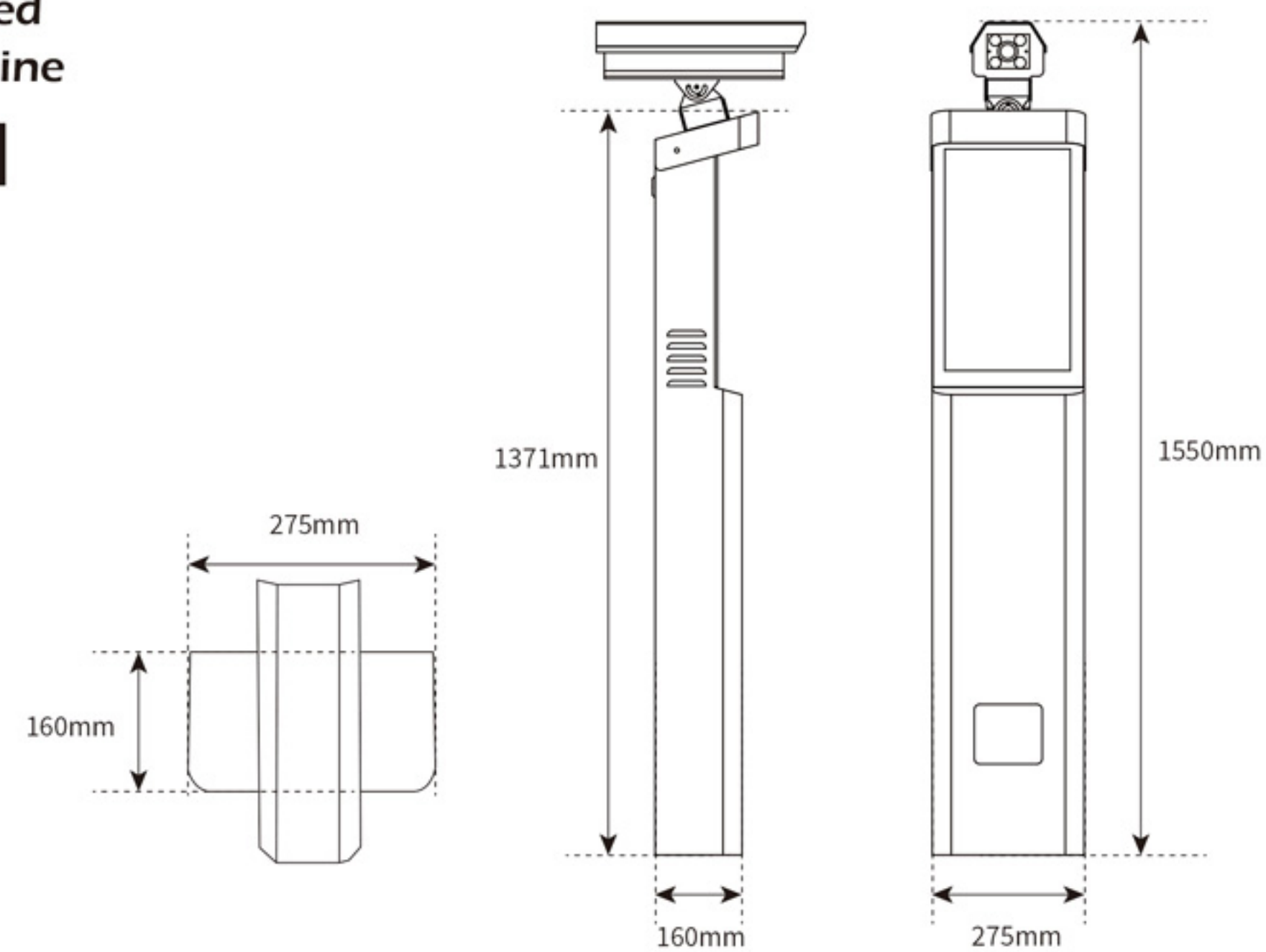
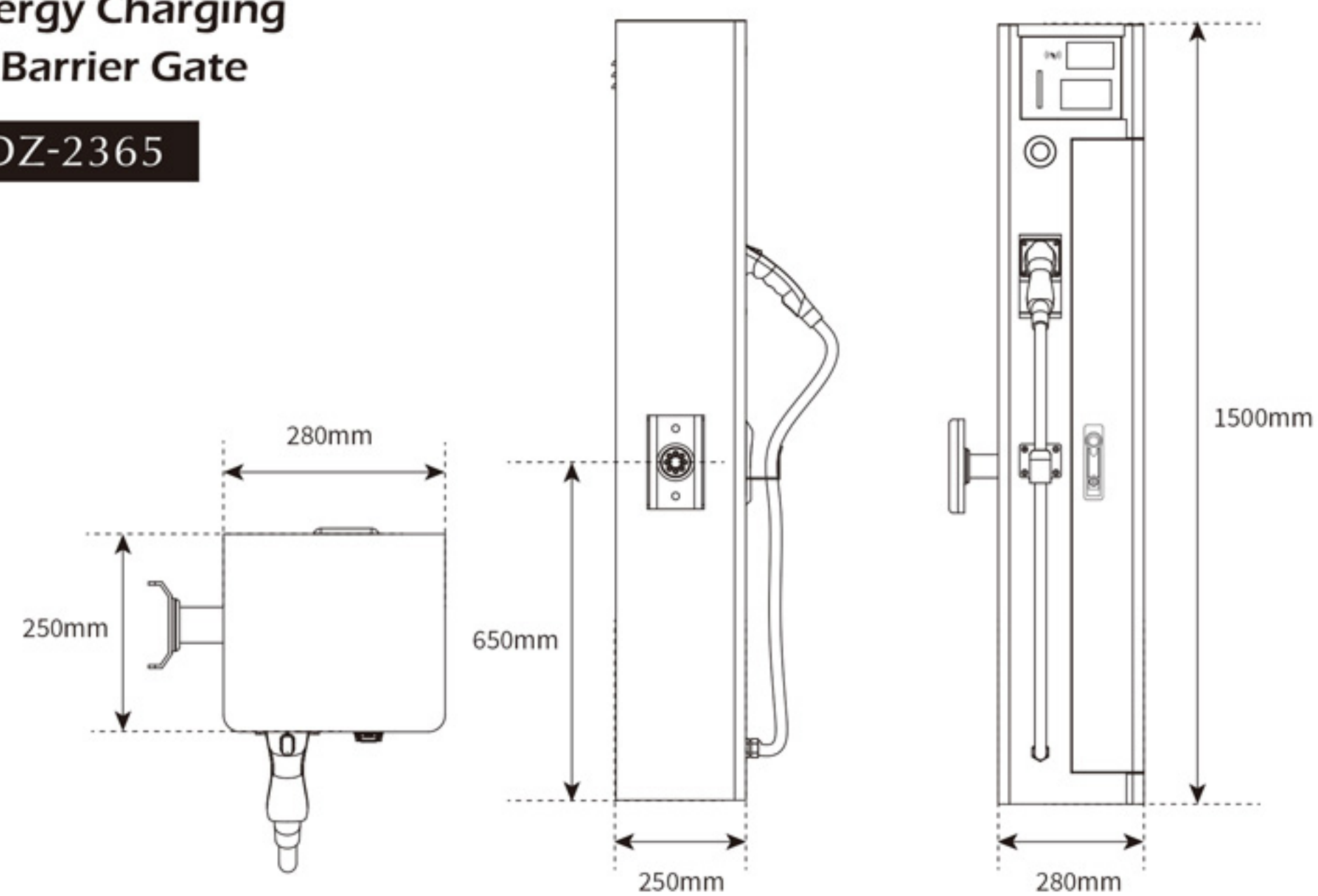
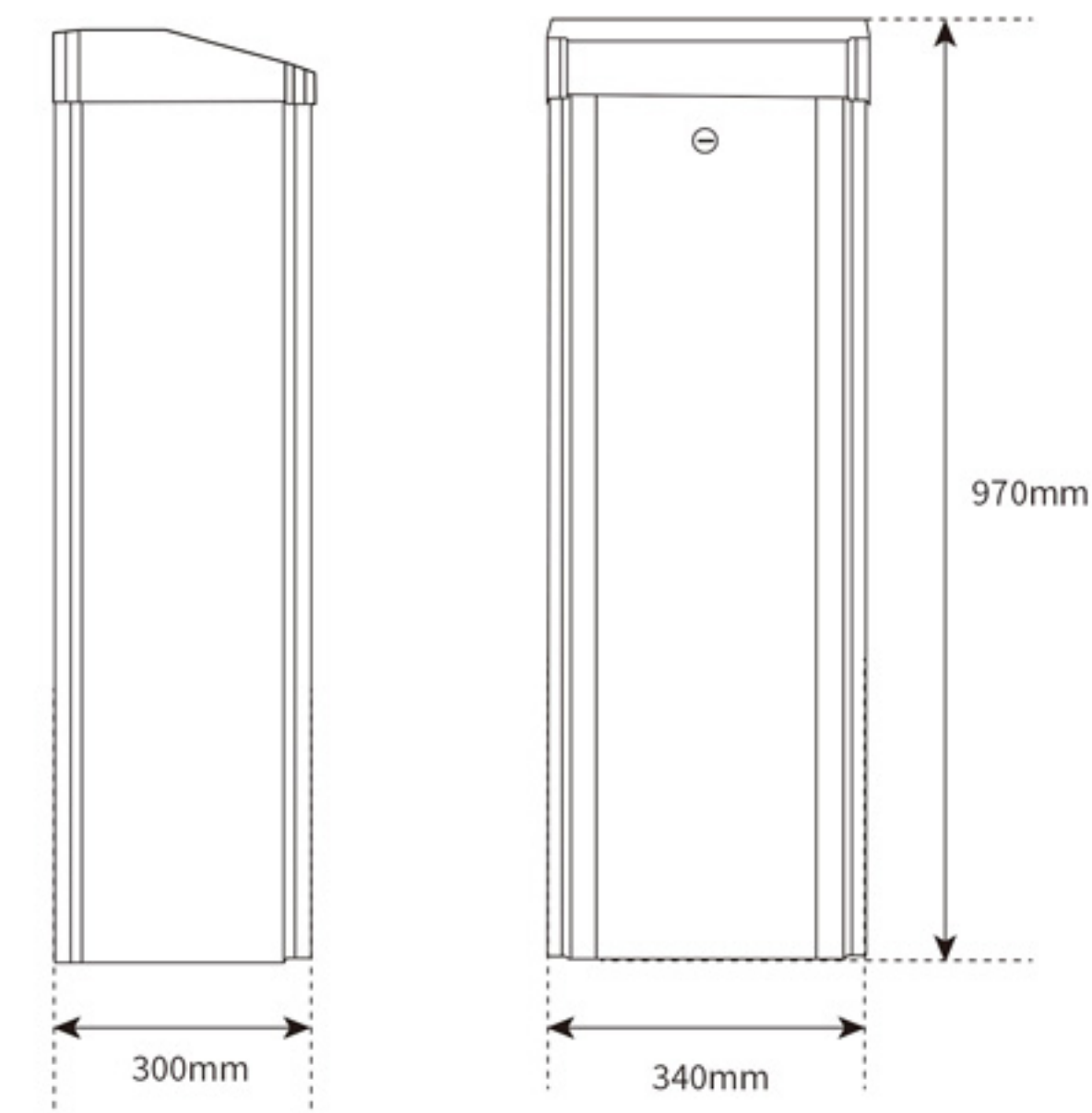
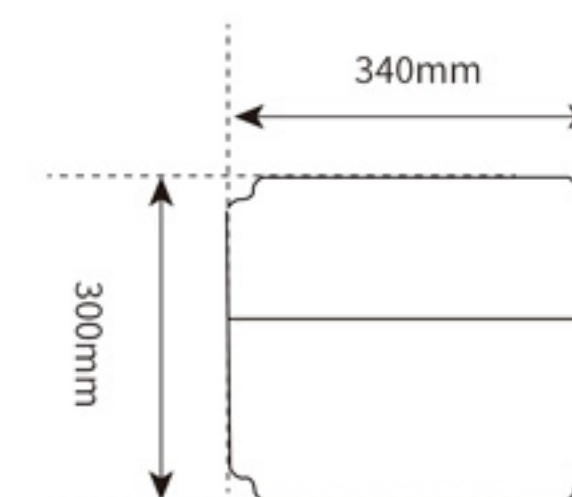
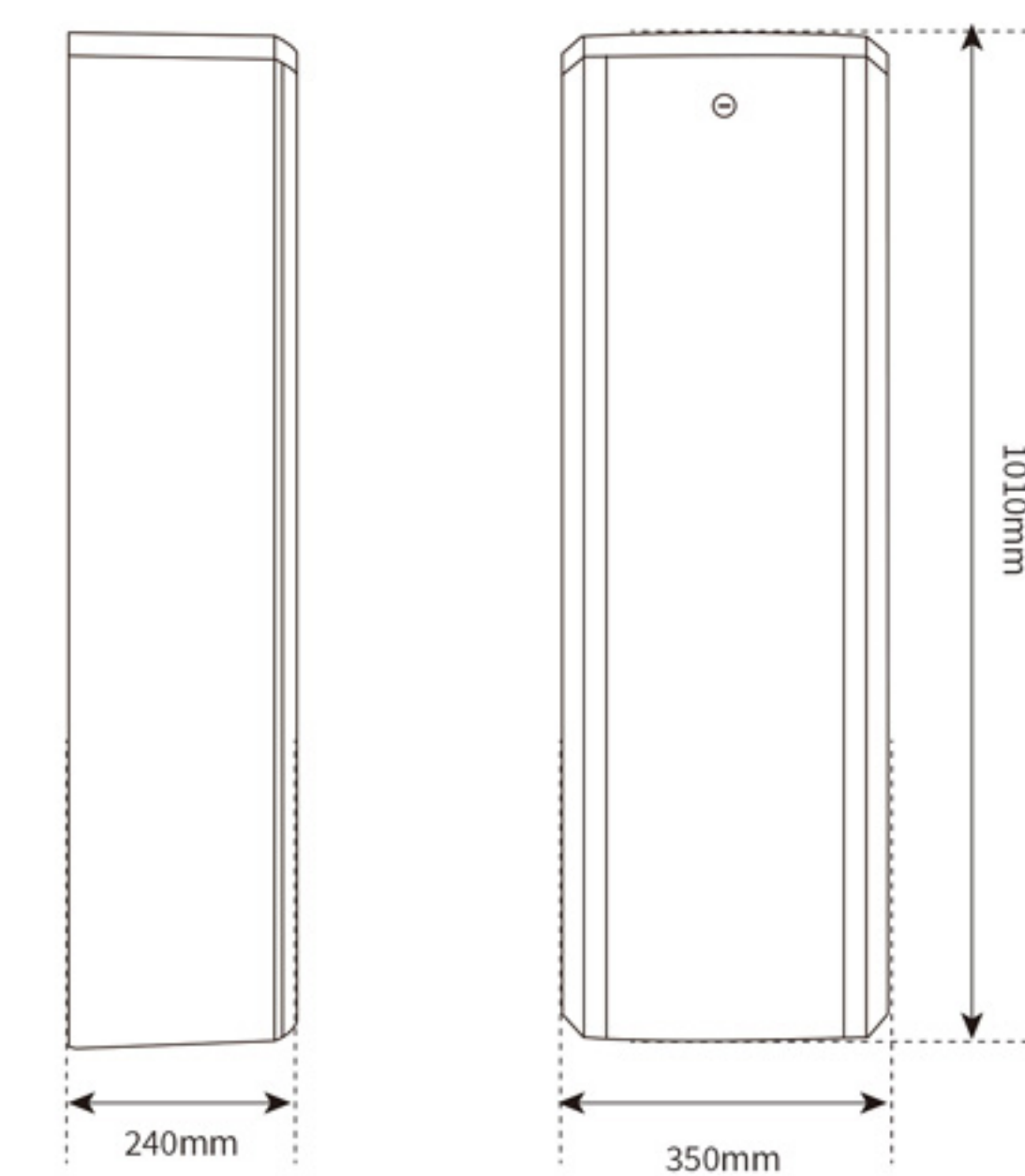
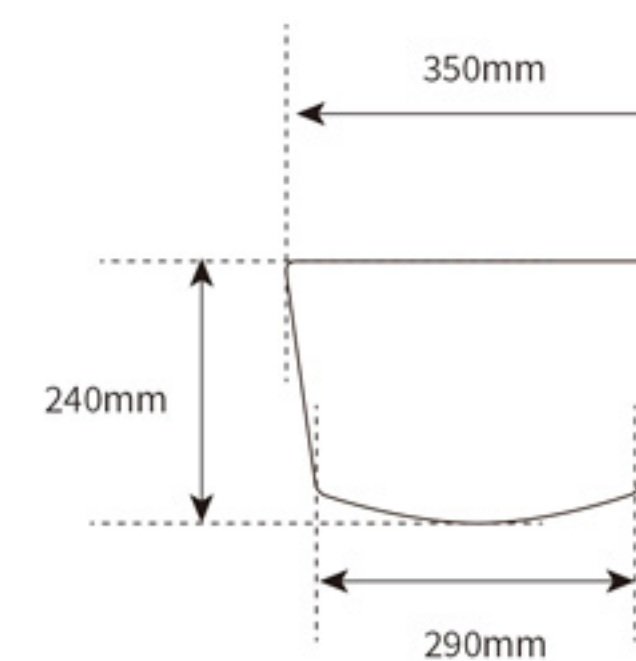
**DC Servo
High Speed Barrier Gate****DZ-SF-2035****DC Servo
High Speed Barrier Gate****DZ-SF-138****1st Generation DC
Brushless Barrier Gate****DZ-2129****1st Generation DC
Brushless Barrier Gate****DZ-912**

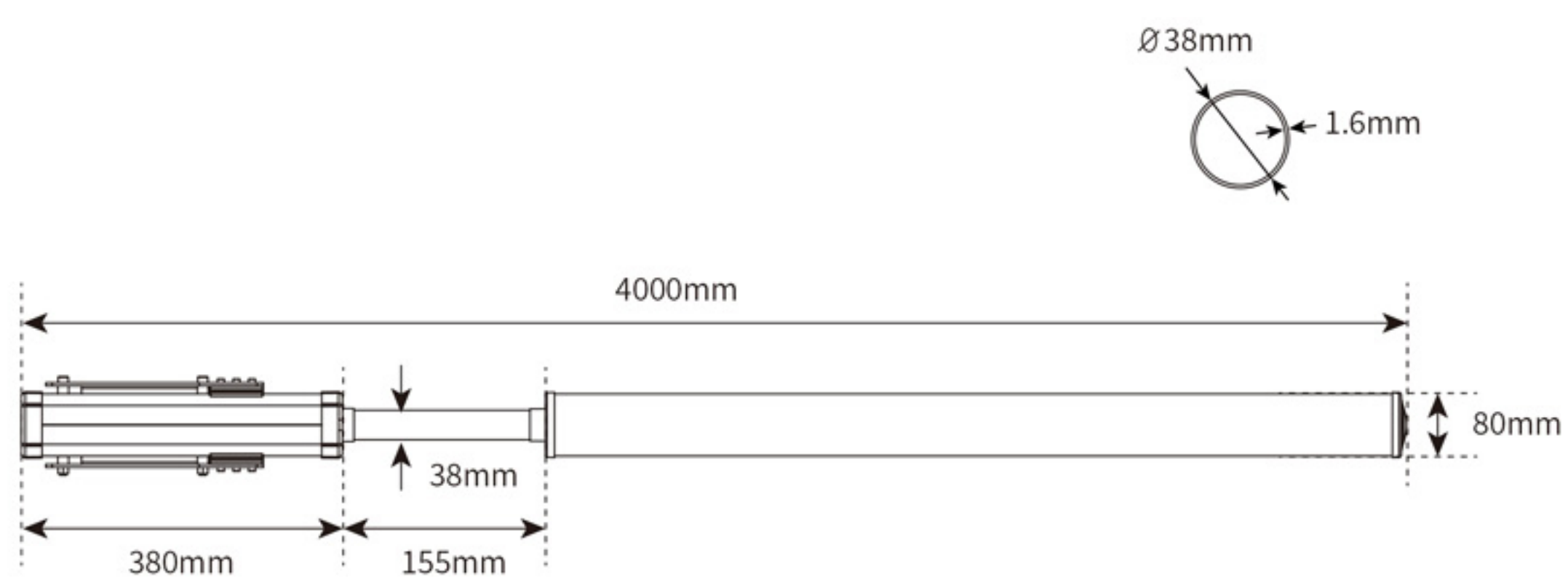
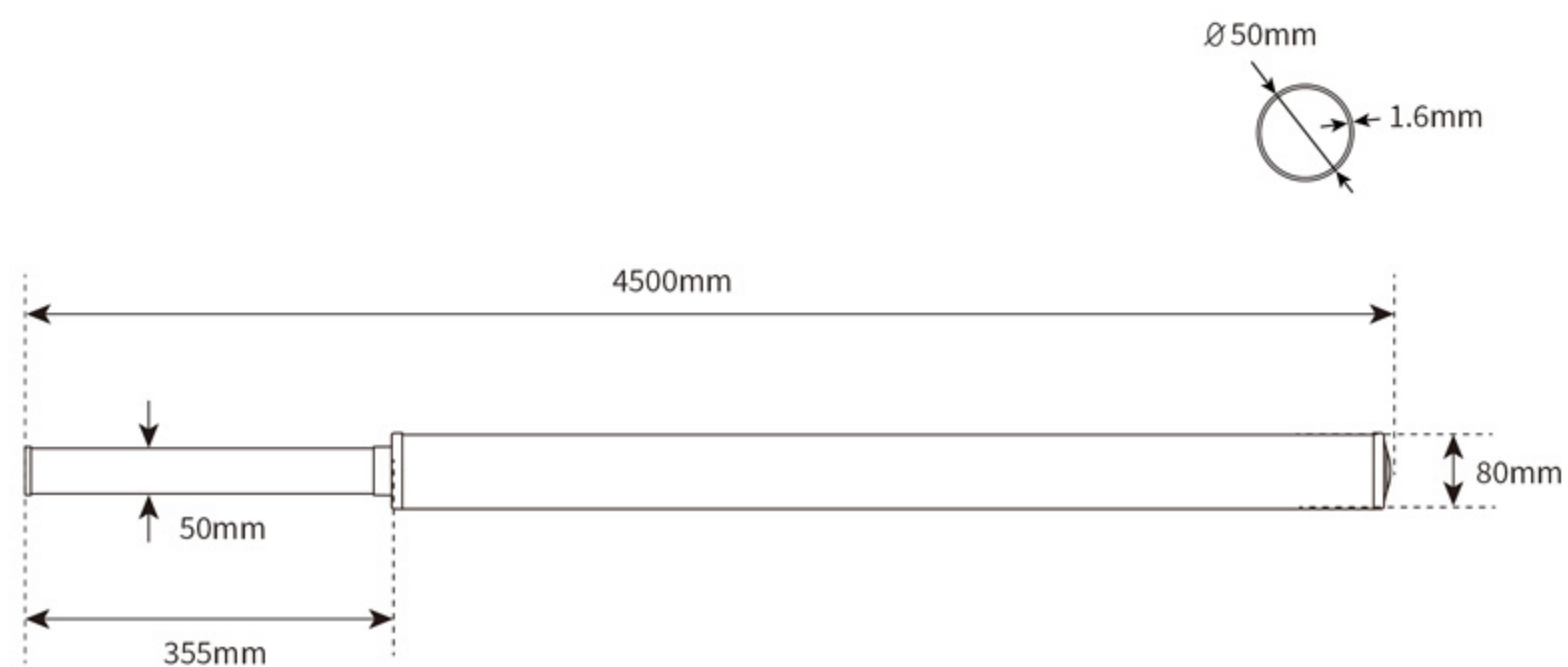
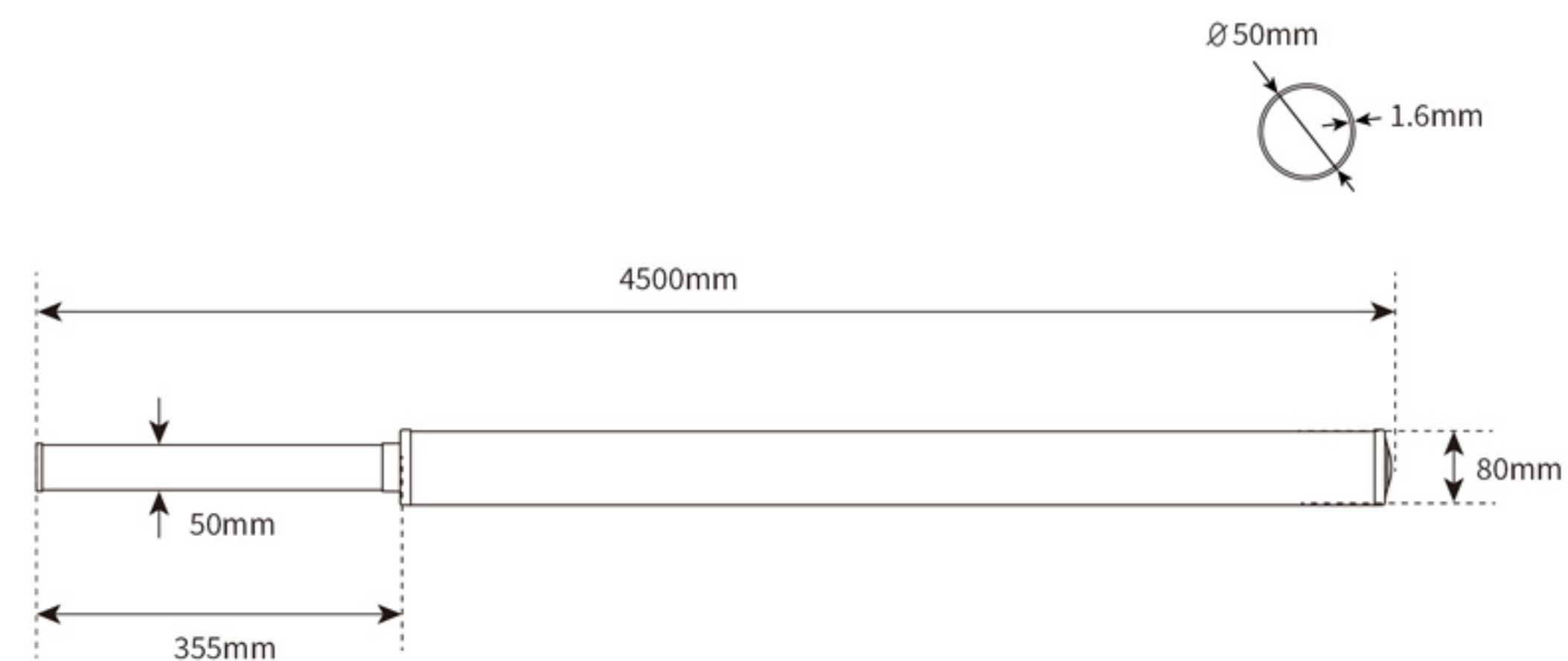
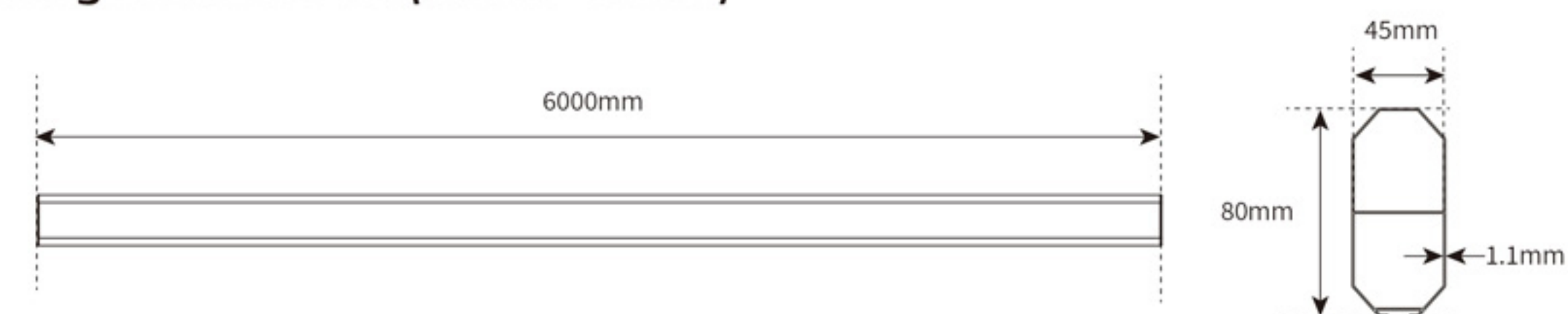
**2nd Generation DC
Brushless Barrier Gate****DZ-860****2nd Generation DC
Brushless Barrier Gate****DZ-132****3rd Generation DC
Brushless Barrier Gate****DZ-830****4th Generation DC
Brushless Barrier Gate****DZ-2211**

**5th Generation DC
Brushless Barrier Gate****DZ-220****5th Generation DC
Brushless Barrier Gate****DZ-2212****1st Generation
Non-spring Barrier Gate****DZ-2228****2nd Generation
Non-spring Barrier Gate****DZ-2311**

**304 Stainless Steel
Barrier Gate****DZ-290****Dual Movement
Two-way Barrier Gate****DZ-2136****Explosion-proof
Barrier Gate****DZ-2243****AC Servo Non-spring Super
High-Speed Barrier gate****DZ-SF-2328**

**10-Meters-Long Arm
Barrier Gate****DZ-2307****Heavyweight Brushless
Advertising Barrier Gate****DZ-2232****Airborne Barrier Gate****DZ-2309****AC Barrier Gate****DZ-115**

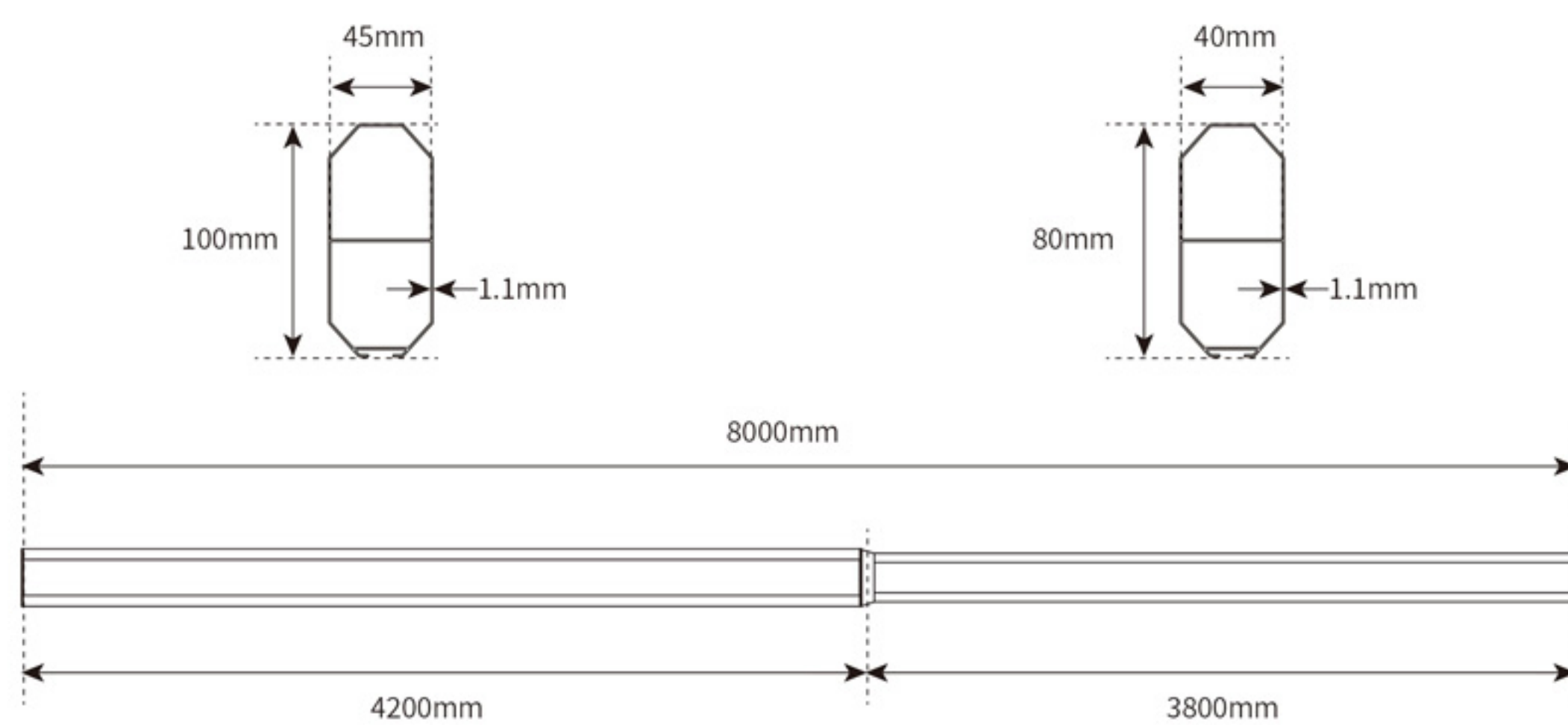
**LPR Integrated
Barrier Machine****DZ-2366****New Energy Charging
Parking Barrier Gate****CDZ-DZ-2365****Servo Customized
Barrier Gate****DZ-890****DC Brushless Customized
Barrier Gate****DZ-21521**

Ø 38 Round Shape Barrier Arm**Ø 50 Round Shape Barrier Arm****Ø 50 LED Light Round Shape Barrier Arm****Straight Barrier Arm(100mm*50mm)****Straight Barrier Arm(80mm*45mm)**

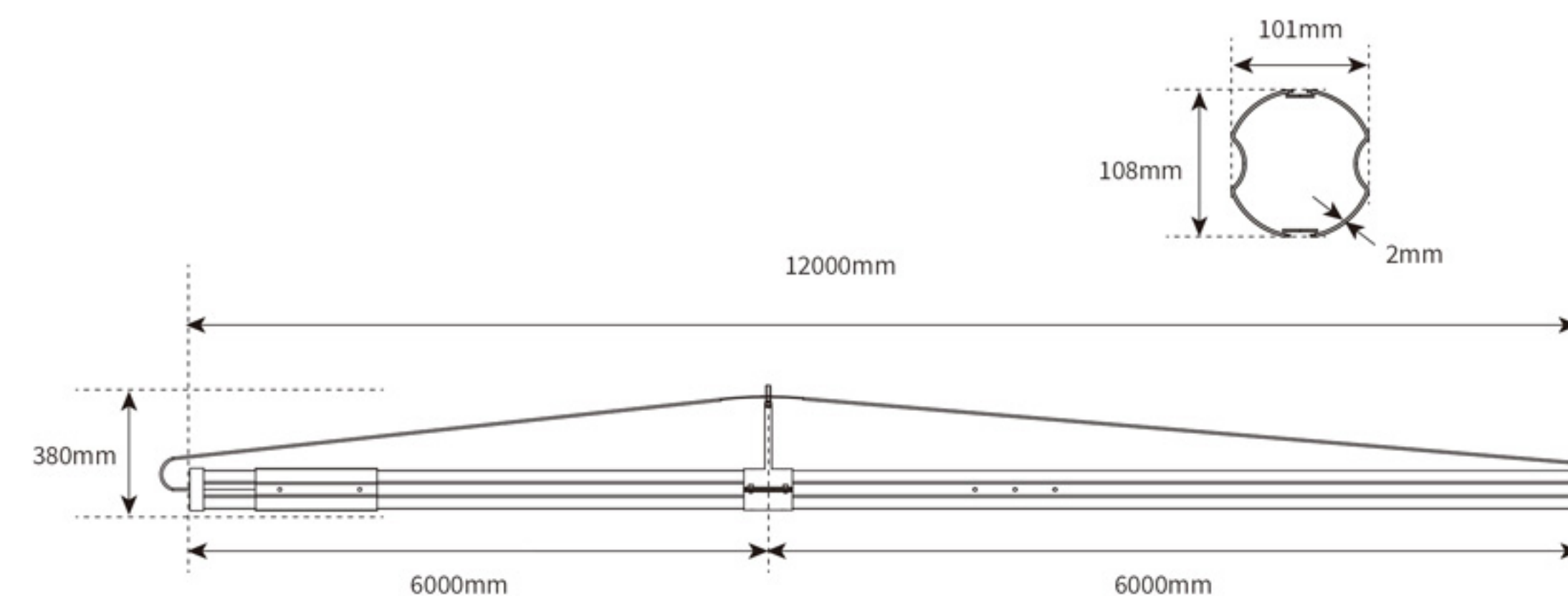
Oval Straight Barrier Arm



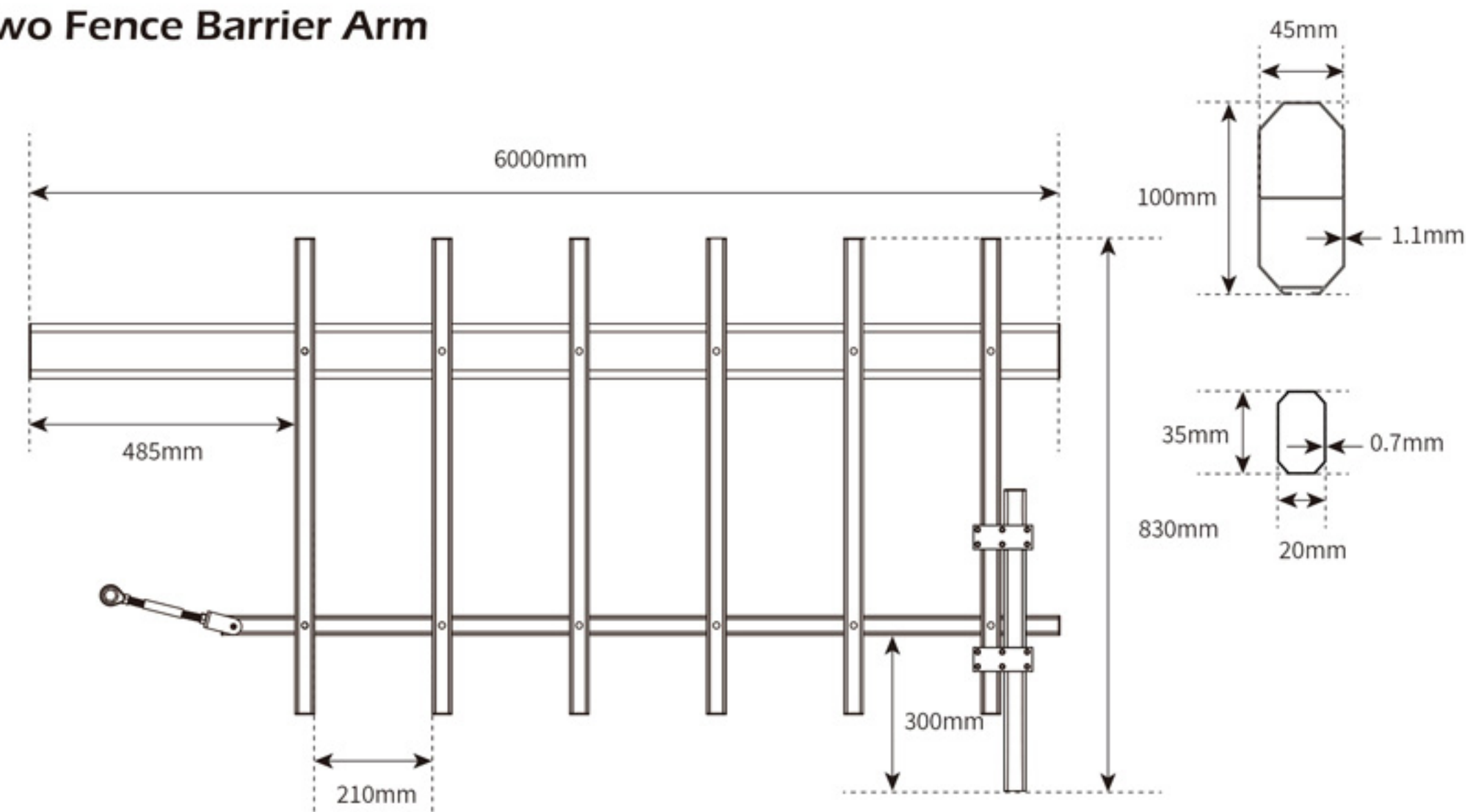
Telescopic Barrier Arm (100×45)



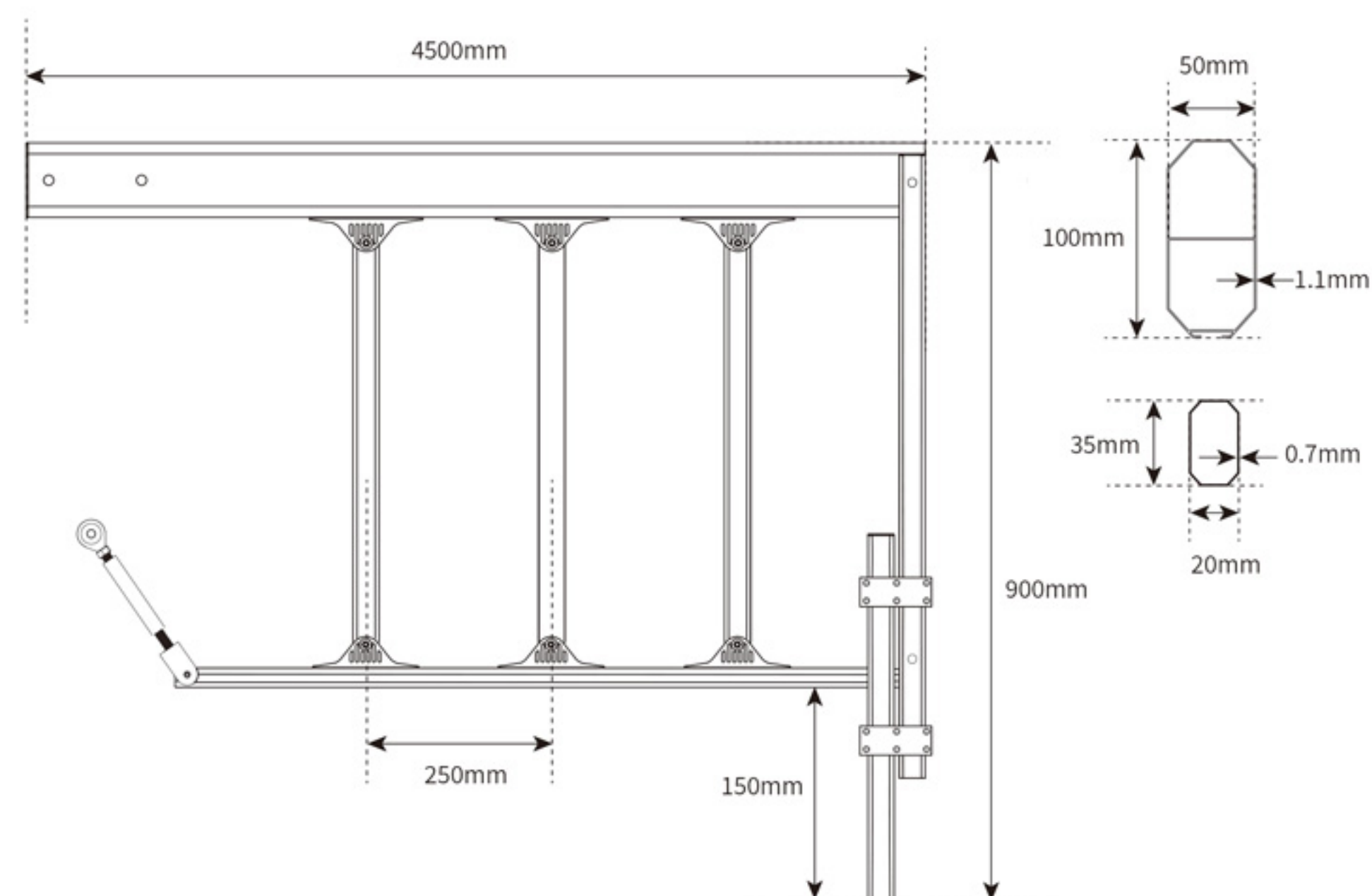
10m long Barrier Arm



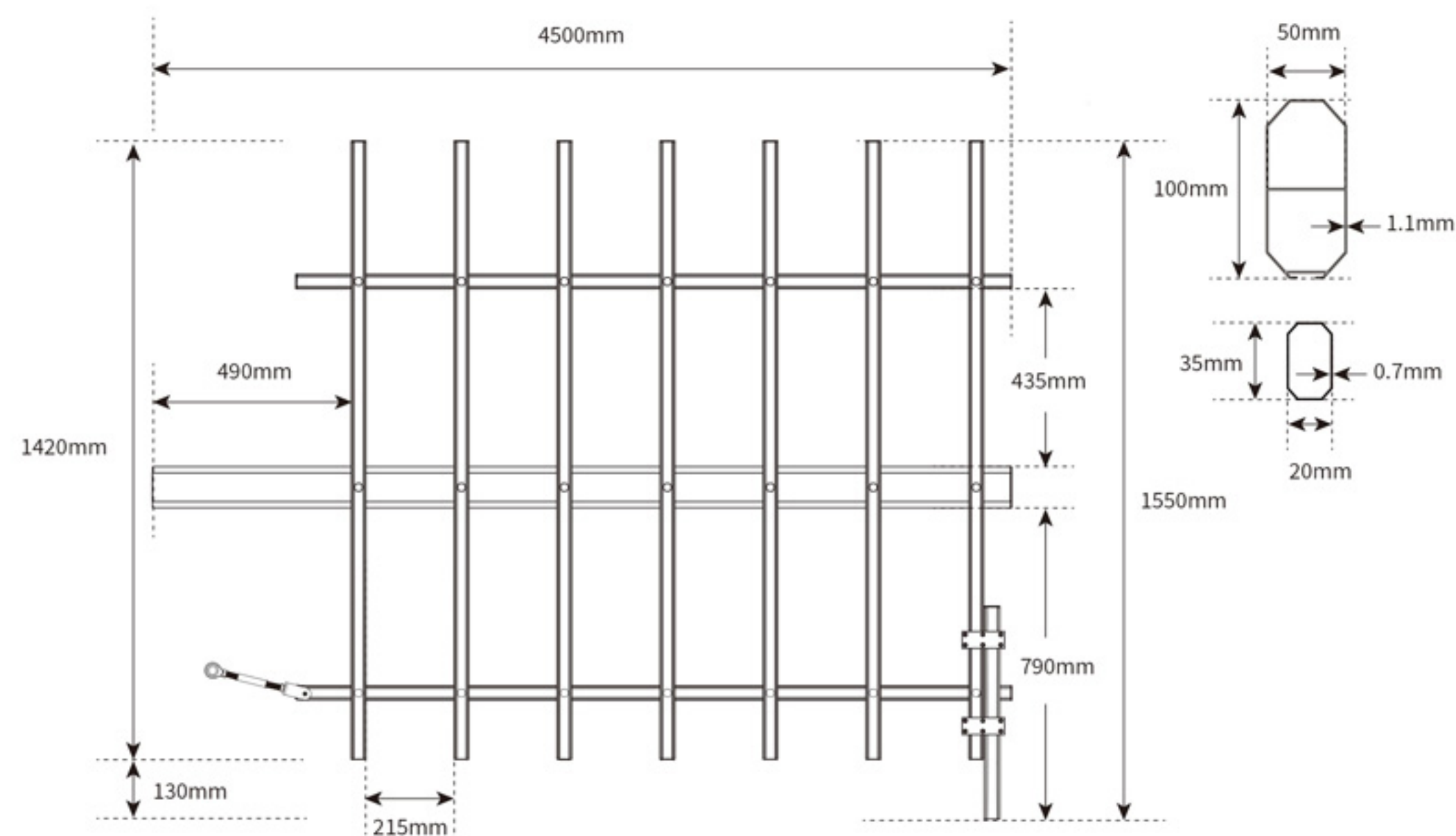
Two Fence Barrier Arm



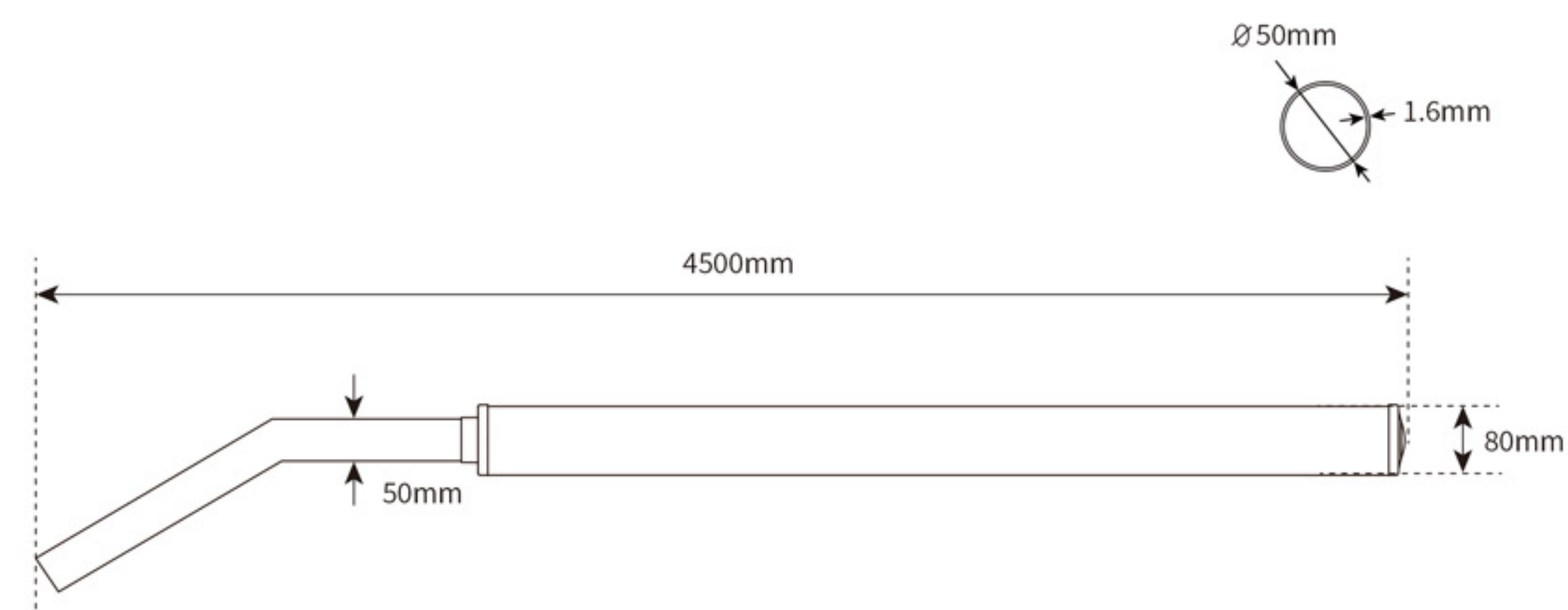
250 Two Fence Barrier Arm



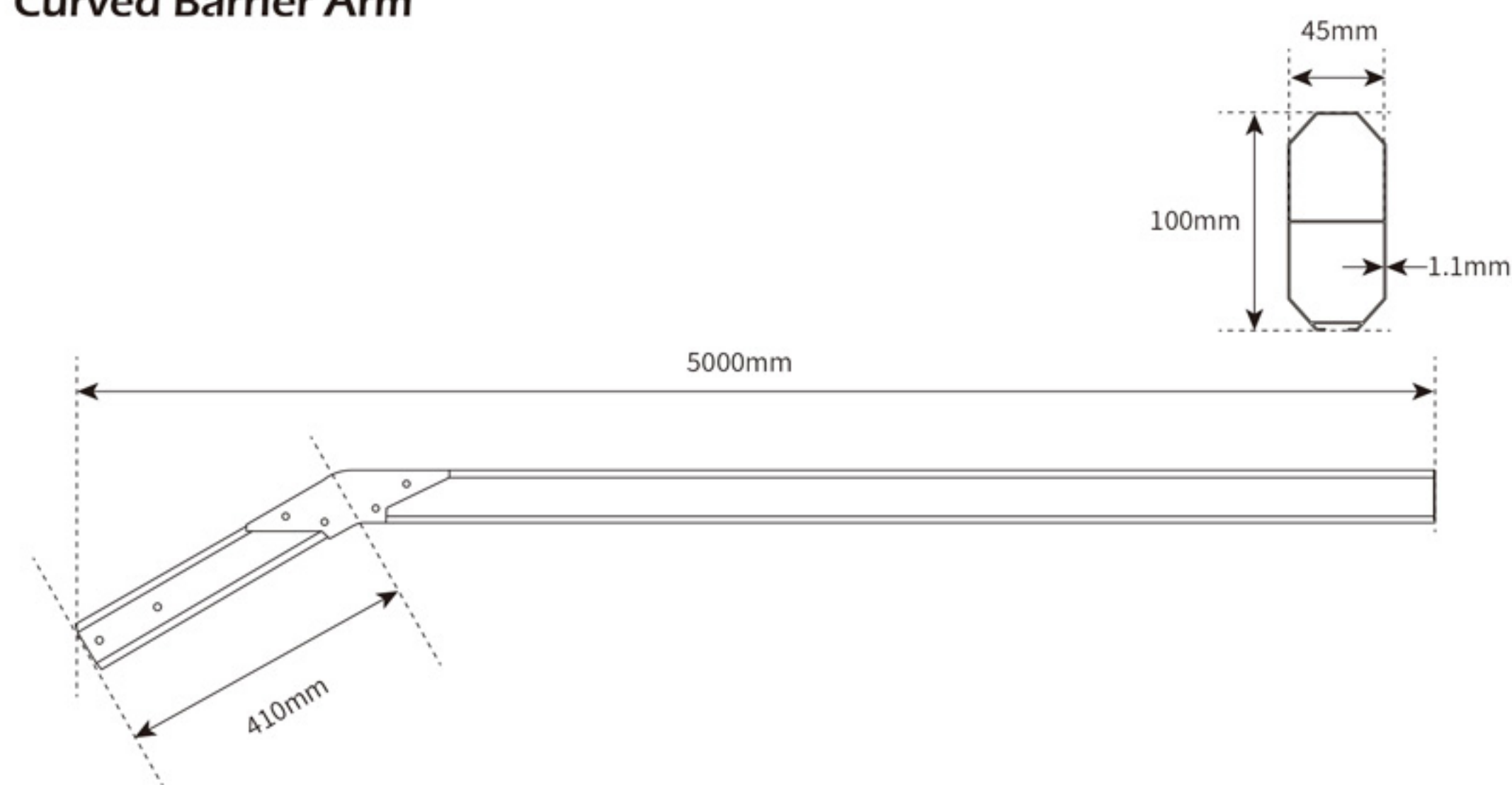
Three Fence Barrier Arm

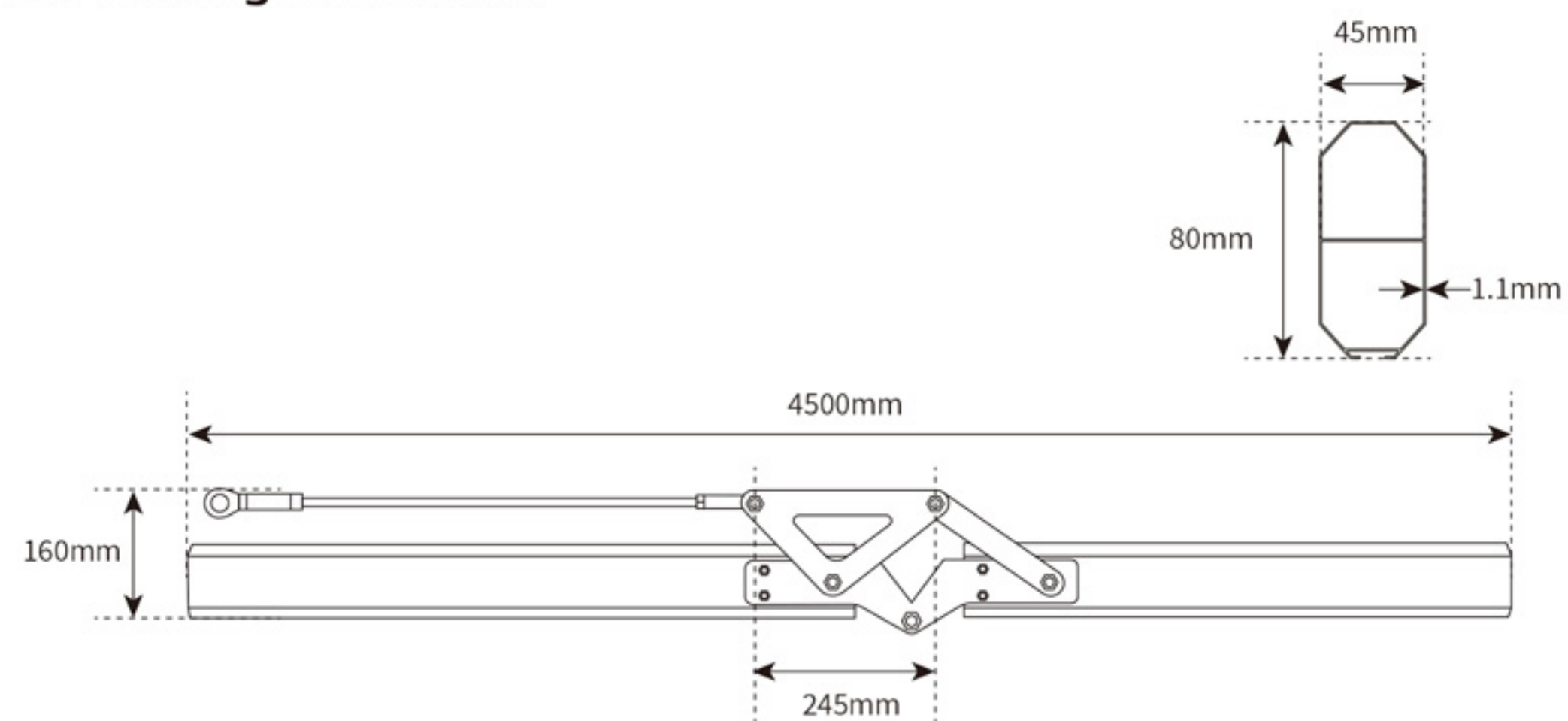
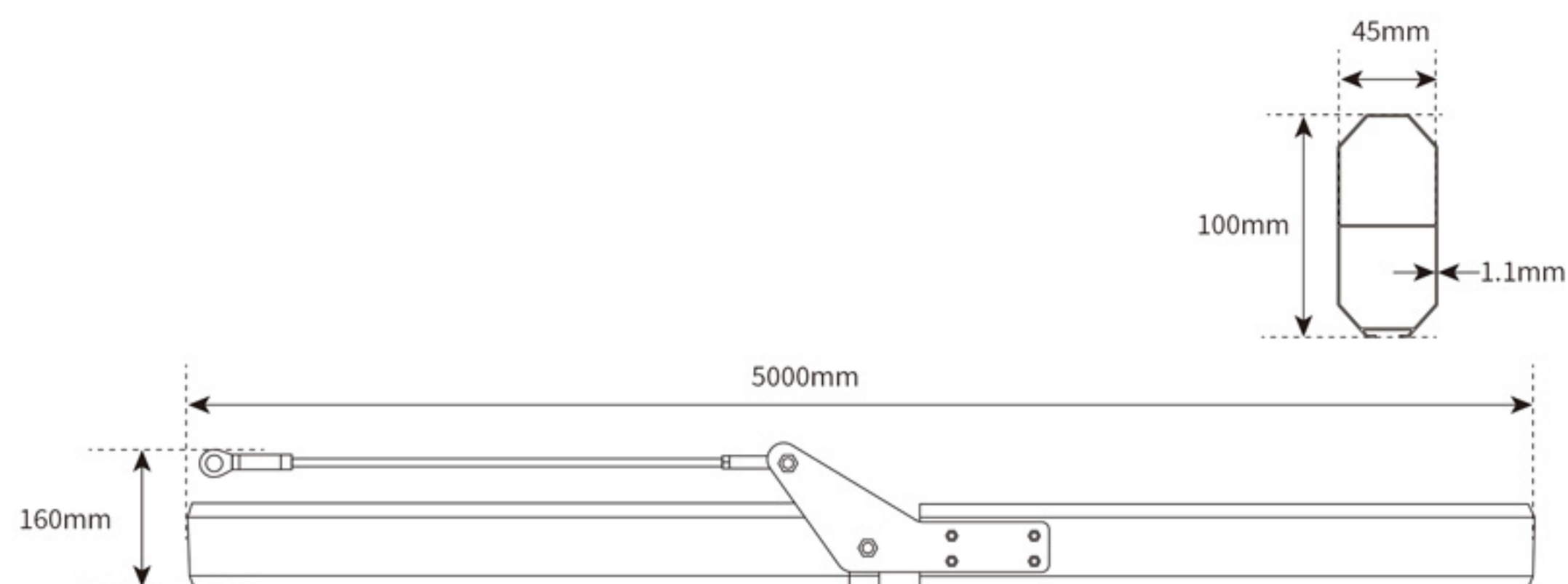
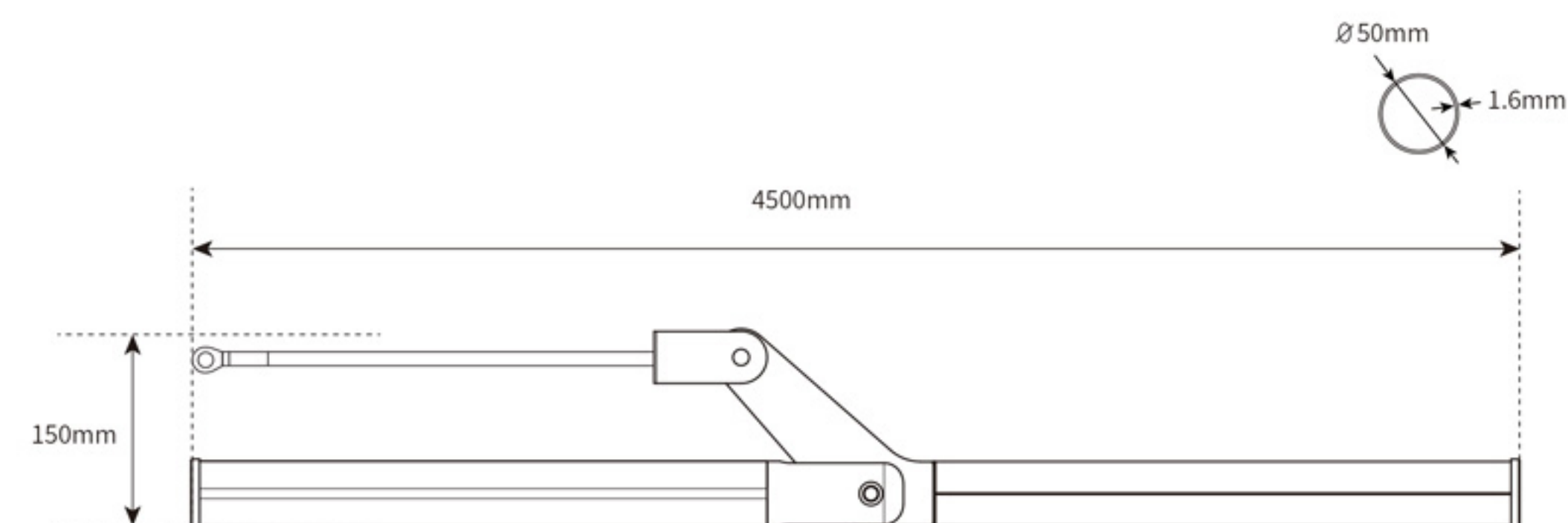
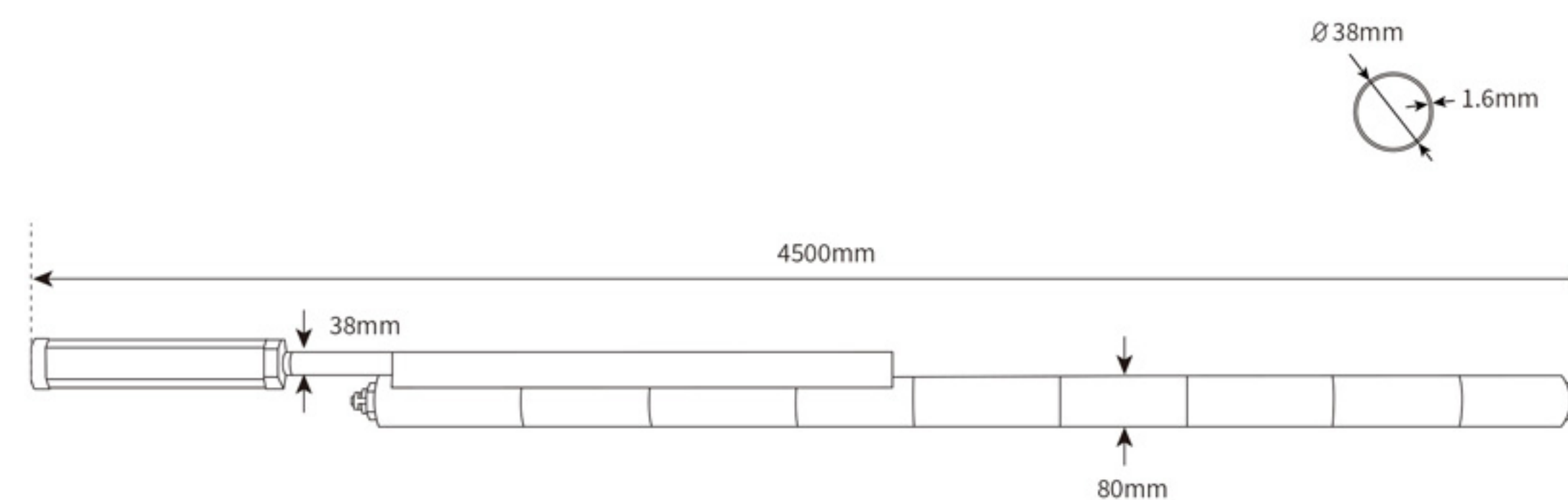


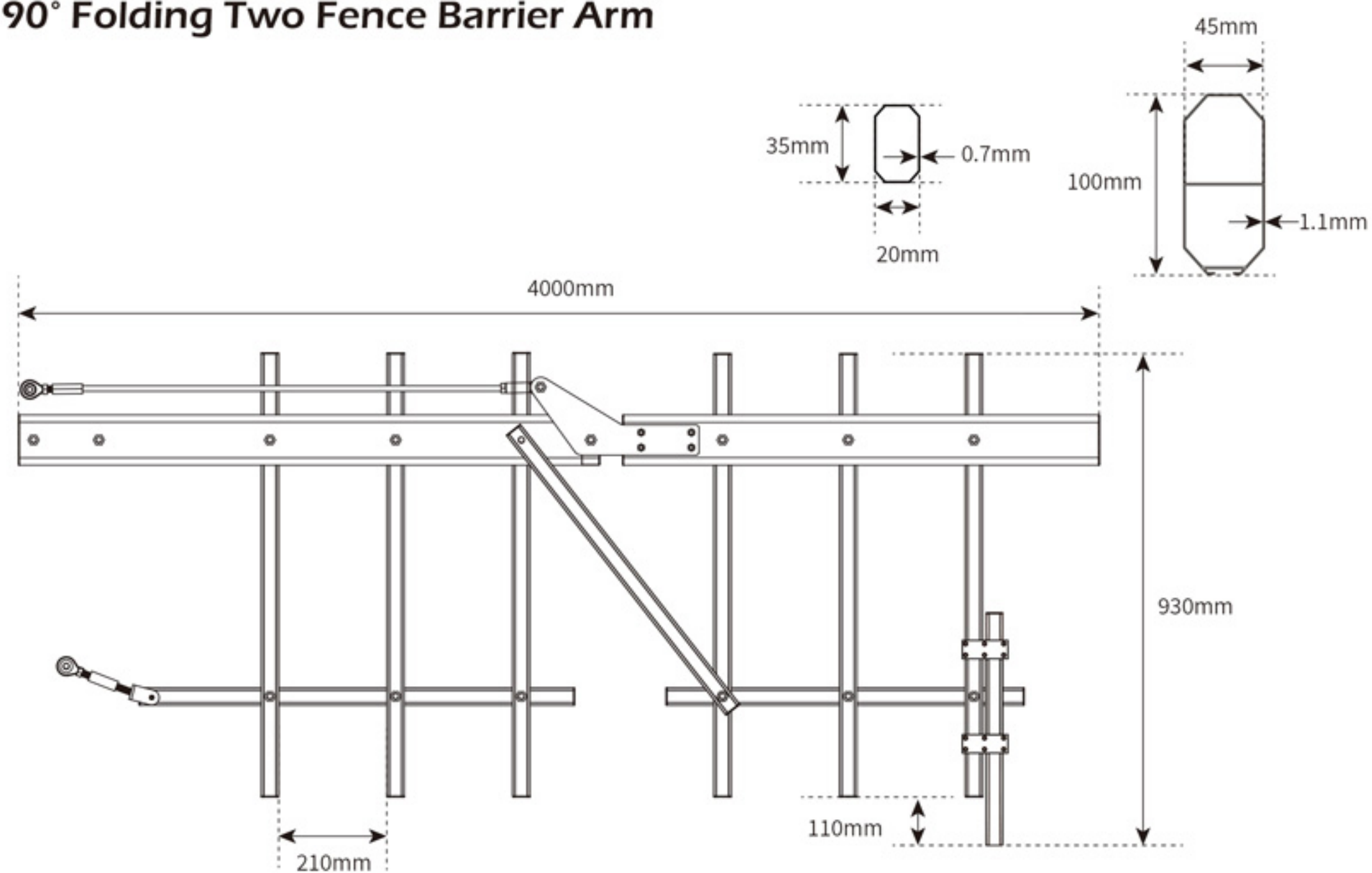
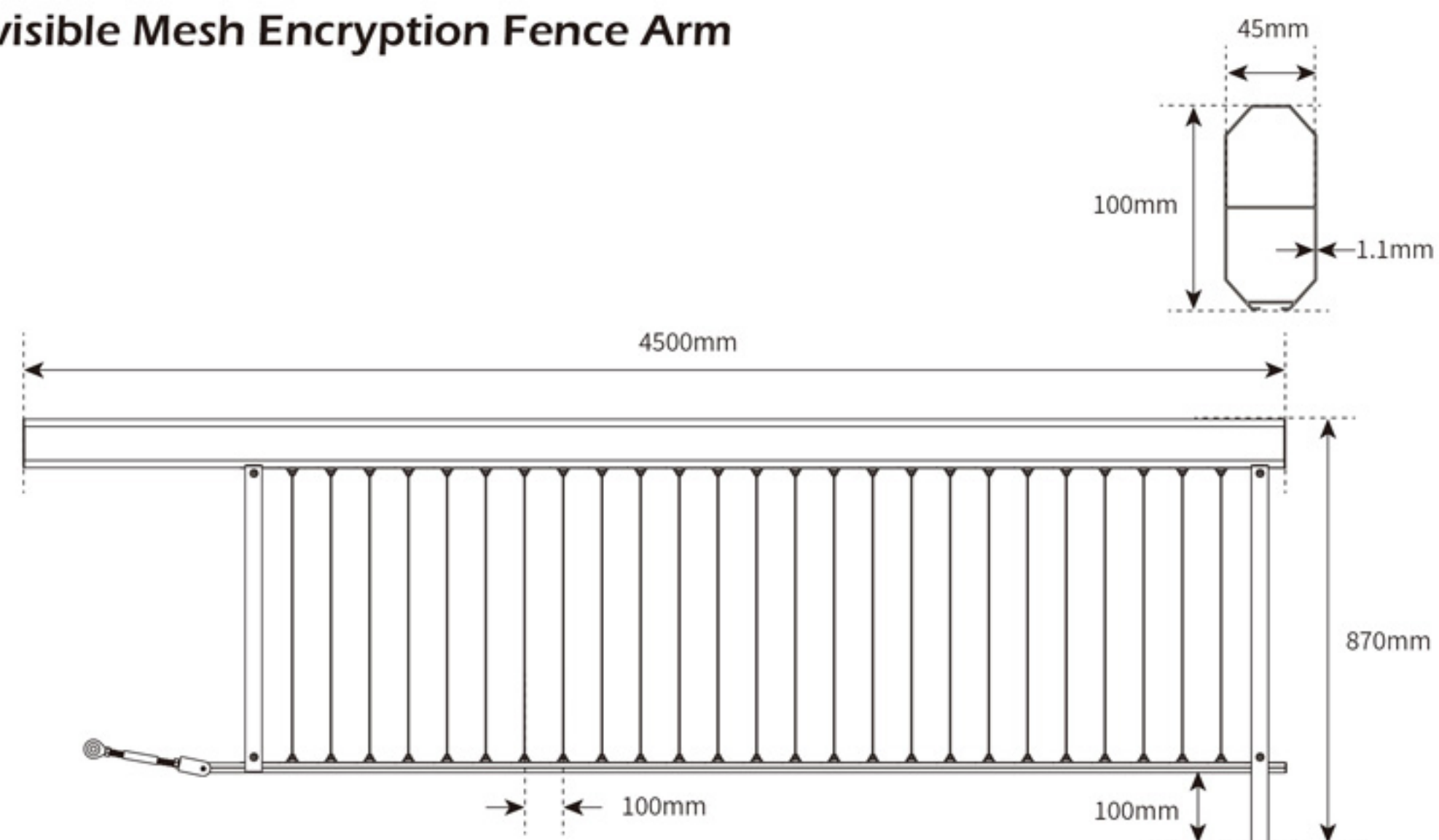
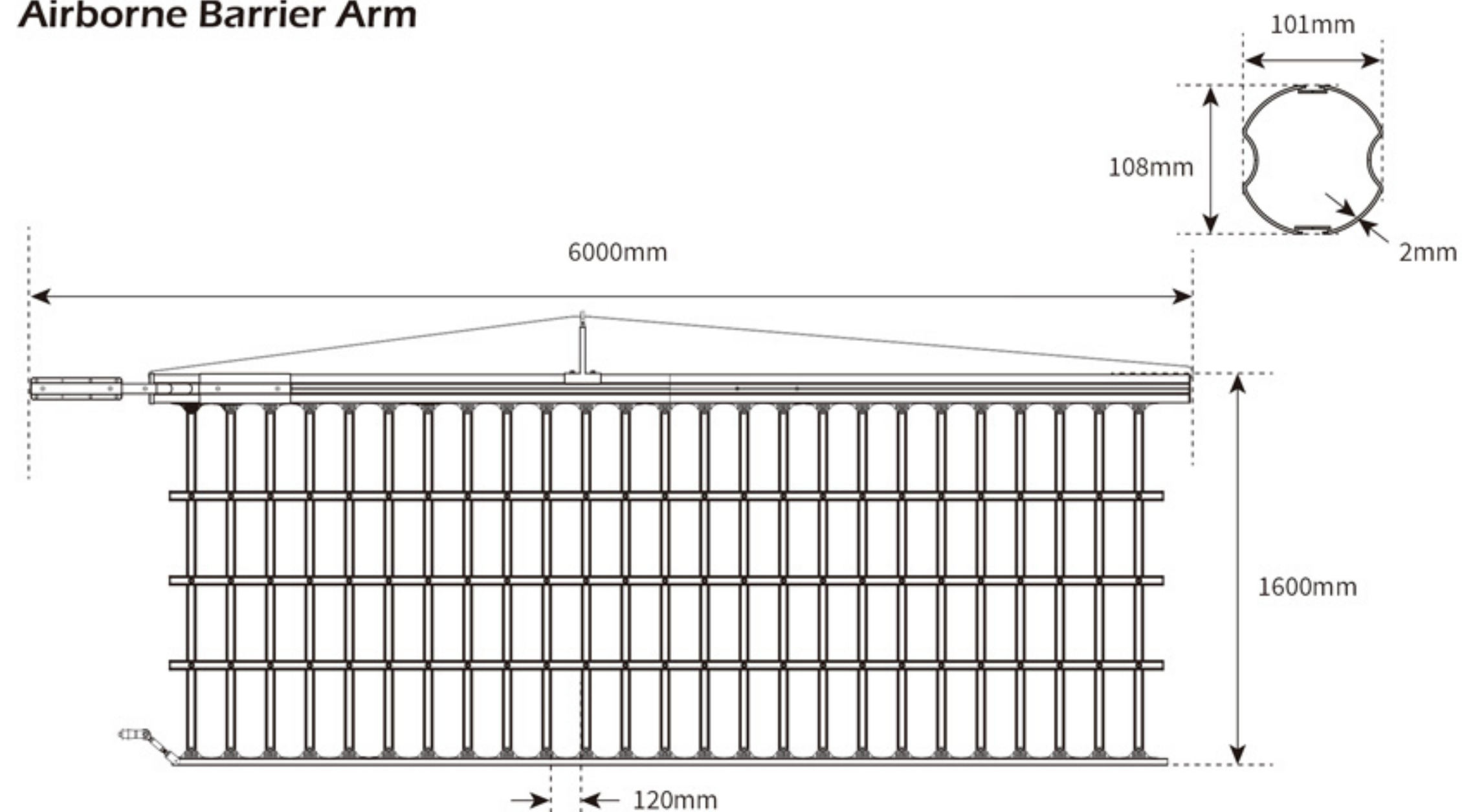
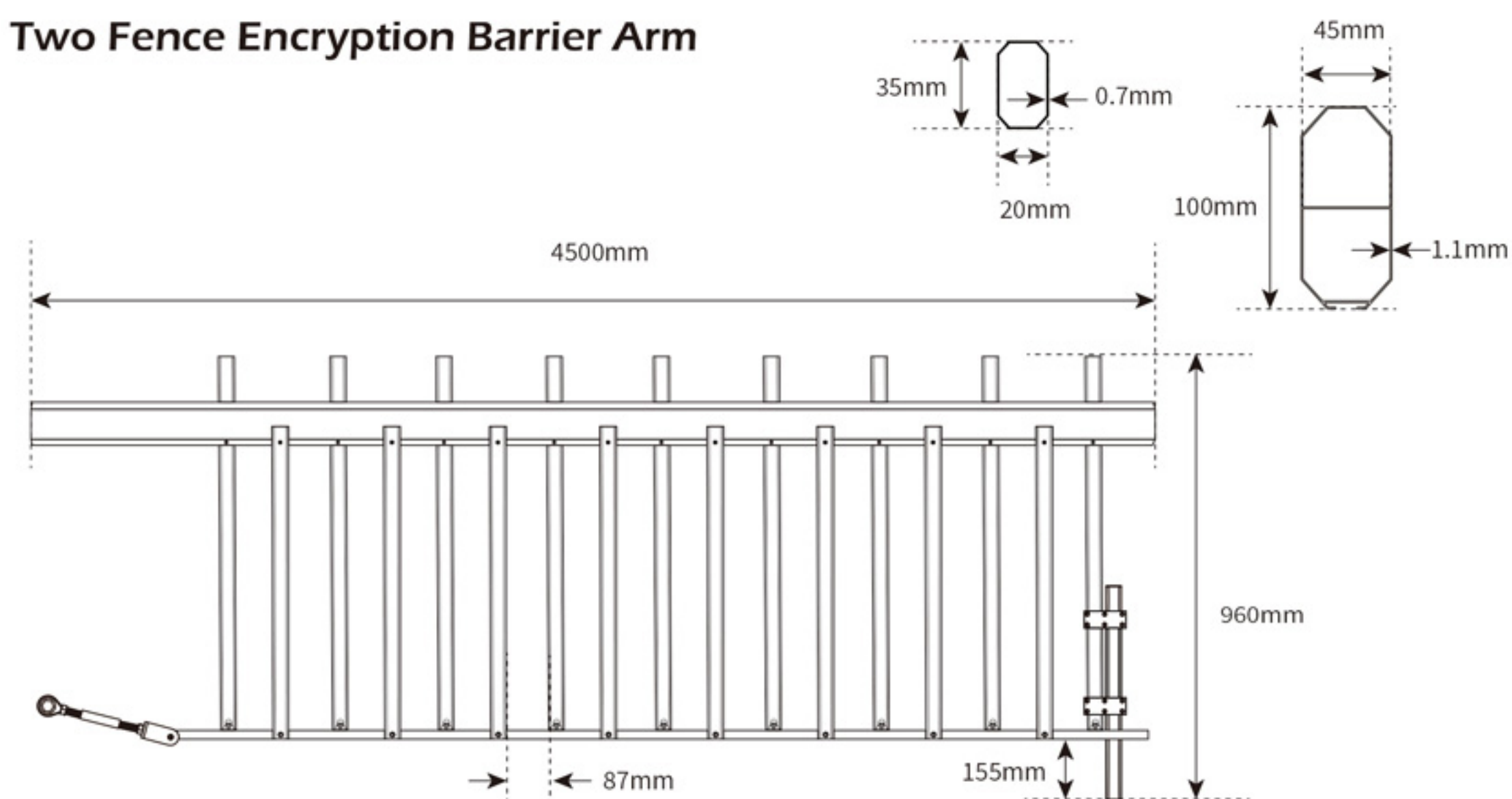
50 Round Shape Curved Barrier Arm



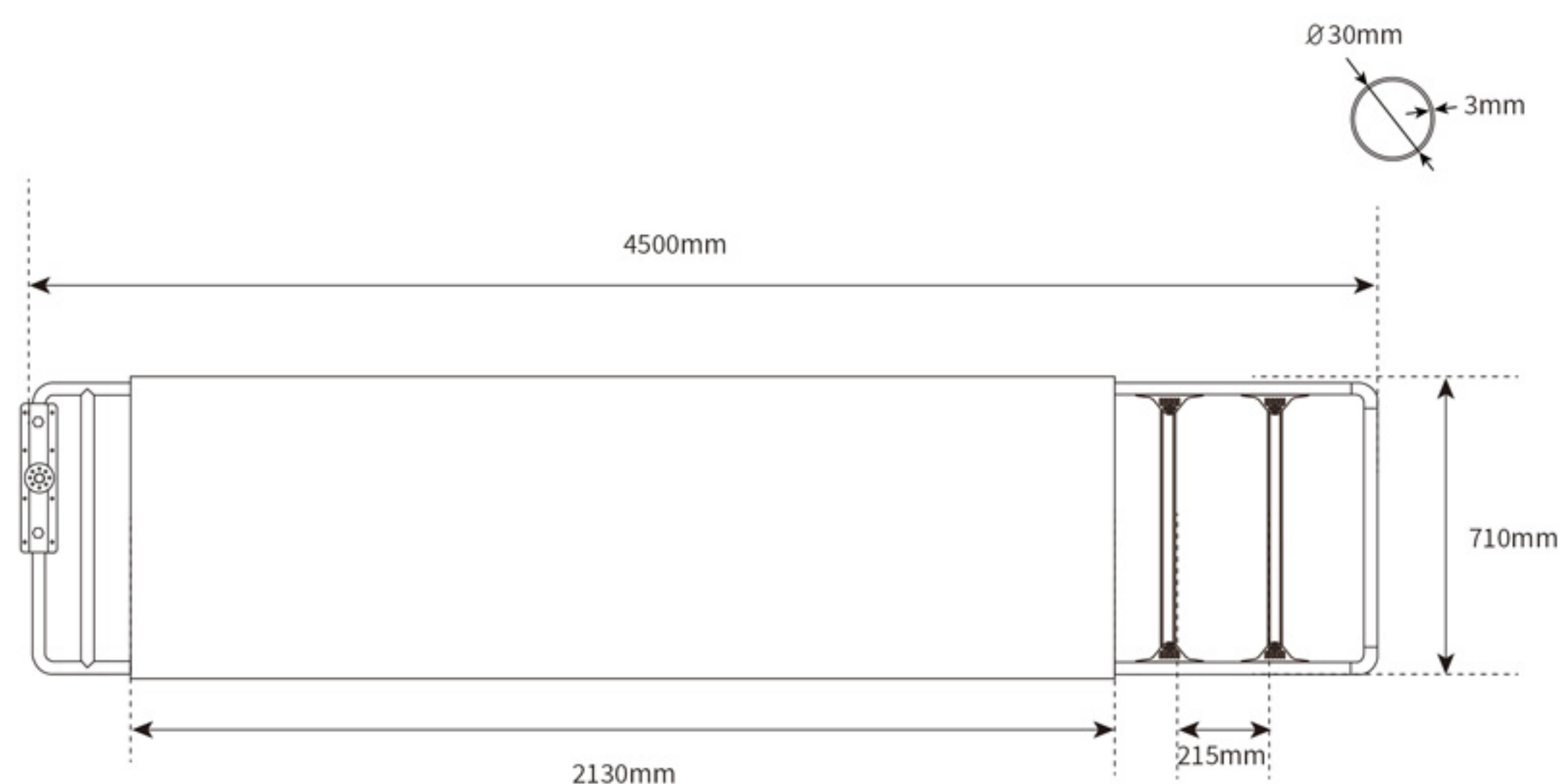
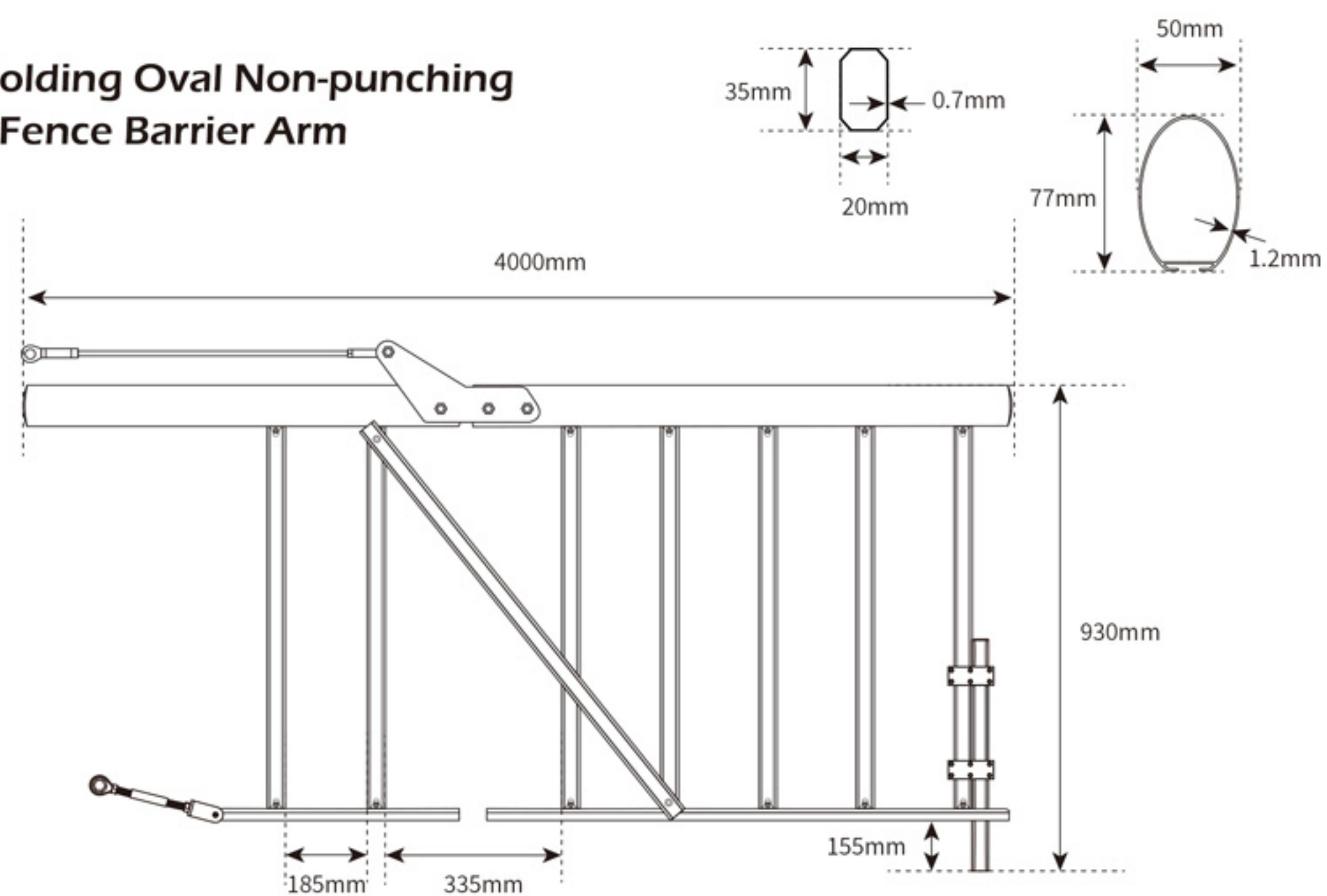
Curved Barrier Arm



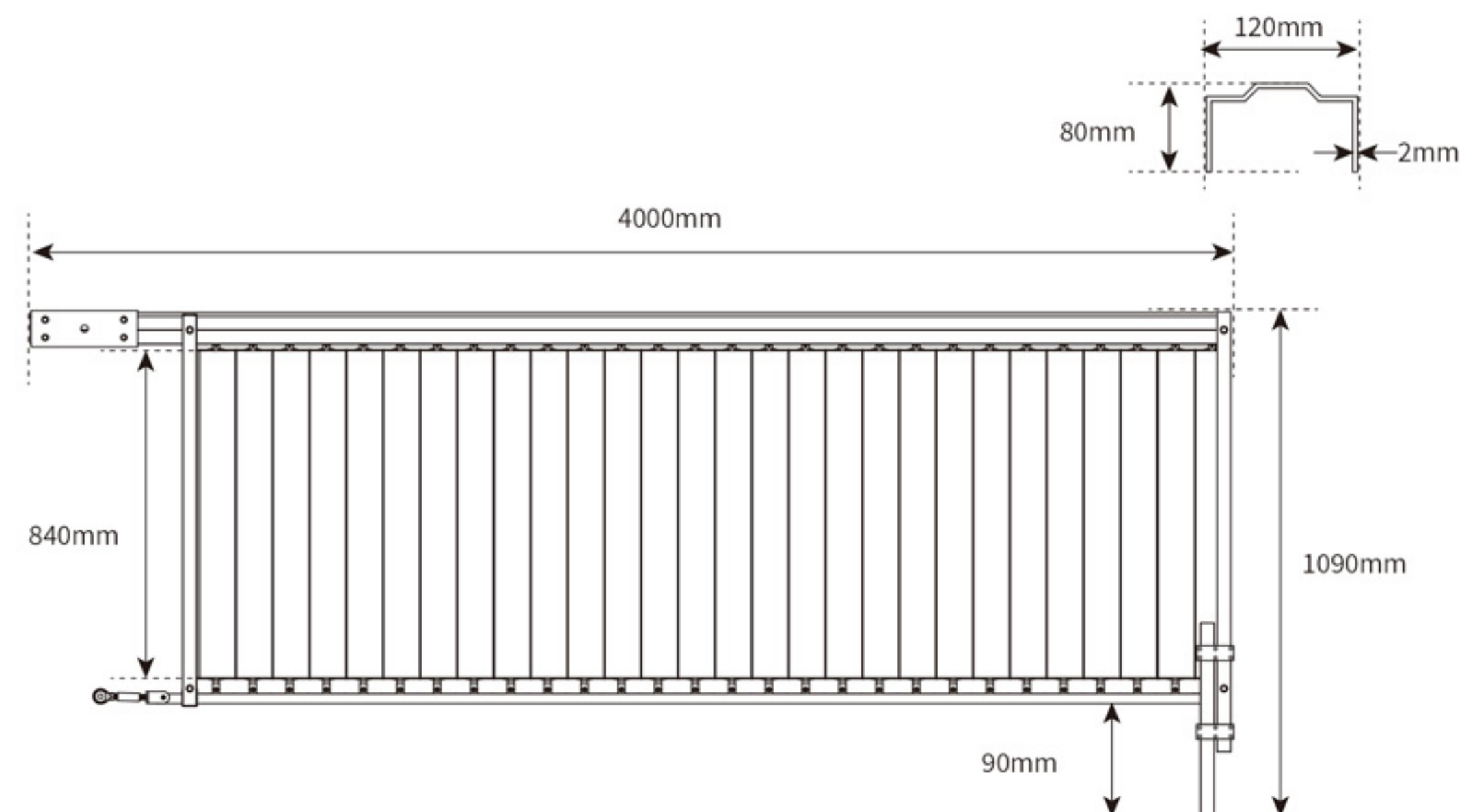
180° Folding Barrier Arm**90° Folding Barrier Arm****90° Round Shape Folding Barrier Arm****Inflatable Barrier Arm**

90° Folding Two Fence Barrier Arm**Invisible Mesh Encryption Fence Arm****Airborne Barrier Arm****Two Fence Encryption Barrier Arm**

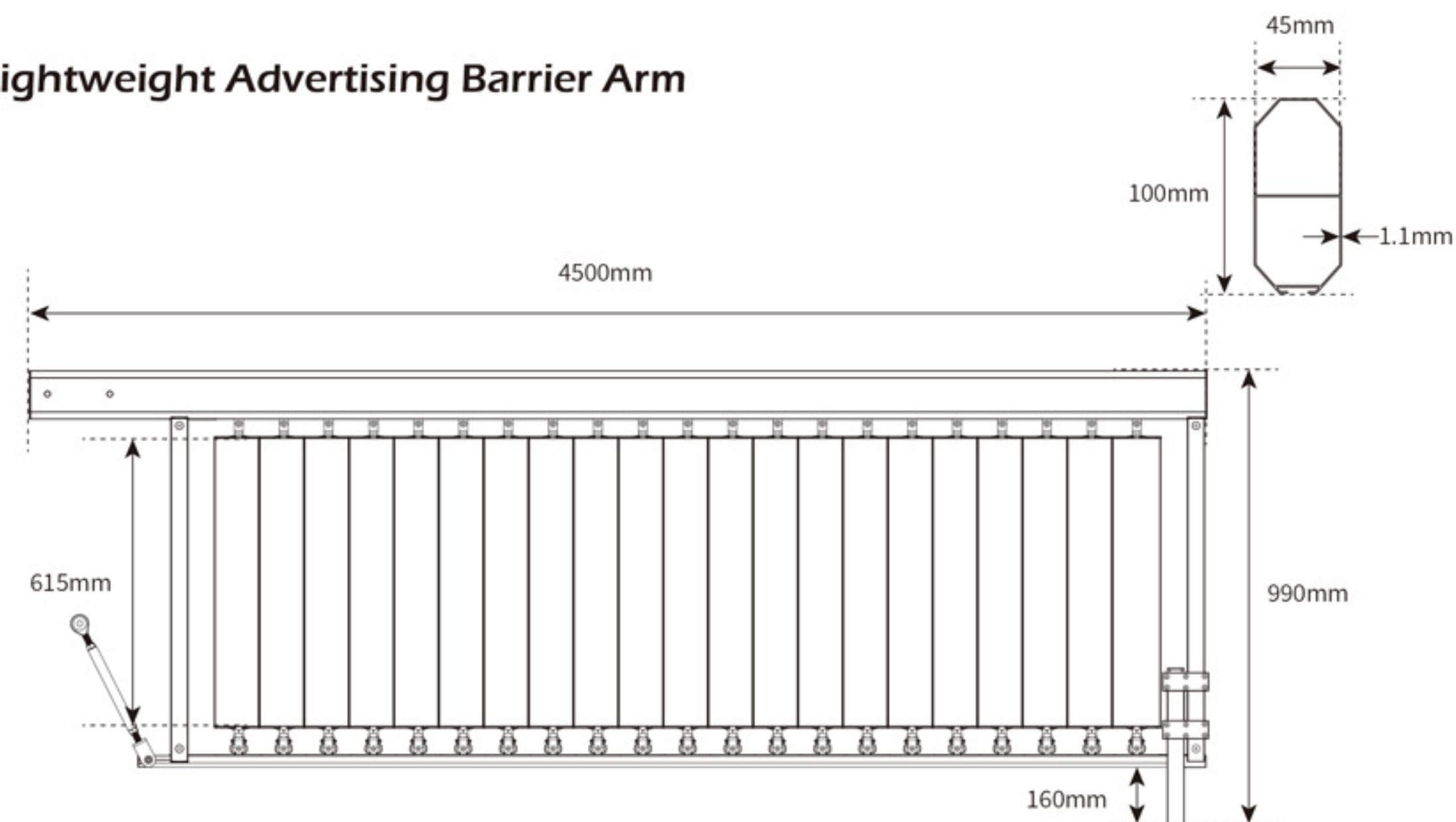
Light Box Advertising Barrier Arm

90° Folding Oval Non-punching
Two Fence Barrier Arm

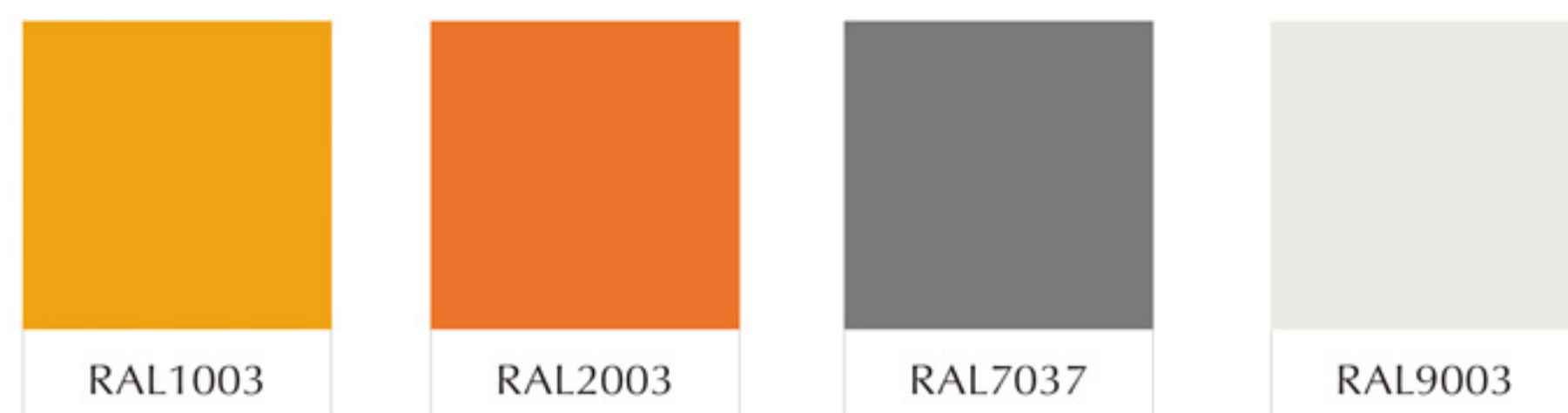
Heavyweight Advertising Barrier Arm



Lightweight Advertising Barrier Arm



Barrier Gate Housing Optional Color

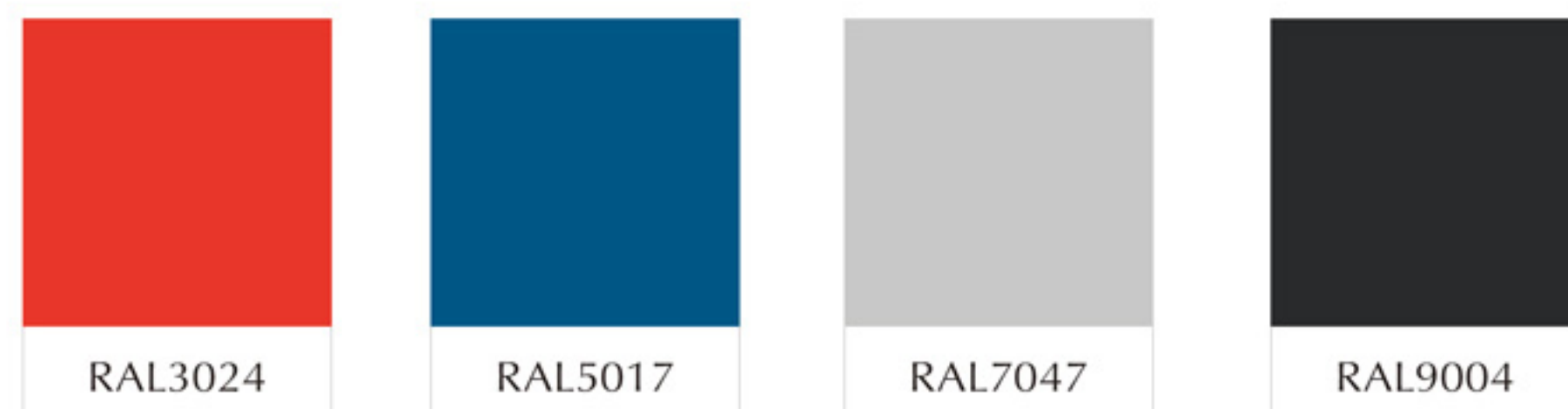


Yellow

Orange

Sand Gray

White



Red

Blue

Silver Gray

Black



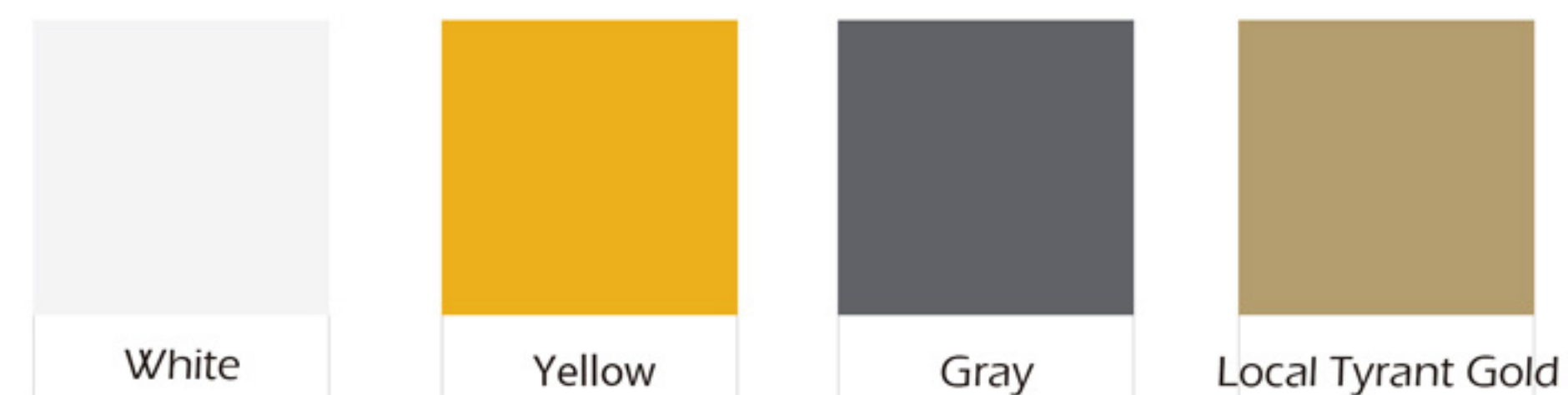
Dark Gray

Local Tyrant Gold

Orange Red

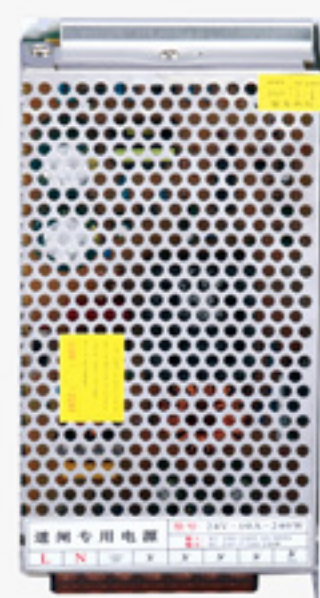
Sand Green

Barrier Arm Optional Color



Reflective Film Optional Color



Dual-channel Vehicle
Loop DetectorSingle-channel
Vehicle Loop DetectorDC Brushless
ControllerAC Motor
MainboardServo Motor
Power Supply

Wire Control

Servo Motor
Controller

Servo Motor



External Receiver



Traffic Light



Arm Holder

79Gz Barrier
Gate Radar

Infrared Photocell Sensor



Remote Controller



Back-up Battery



Loop Coil



Parking Lock



Battery Storage Module



Single-channel Vehicle Detector



Dual-channel Vehicle Detector



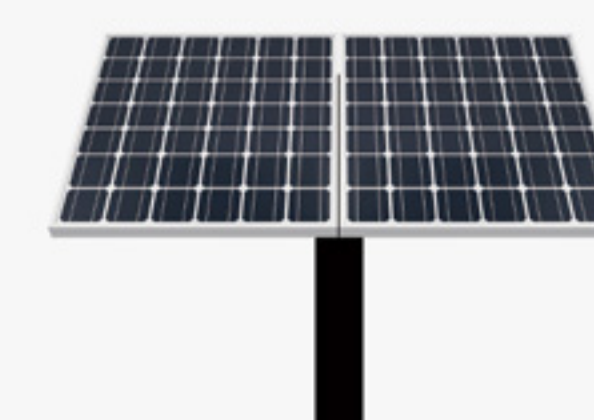
APP-WiFi device



Loop detector for large vehicle



Warning Light



Solar Power Panel