

# PAB-SE3 Economical Parking Barrier Gate

**Dashou**<sup>®</sup>  
Parking System Expert



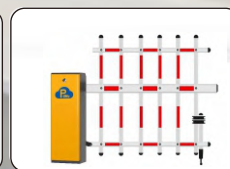
90 Degree Folding



180 Degree Folding



Single-fence Arm

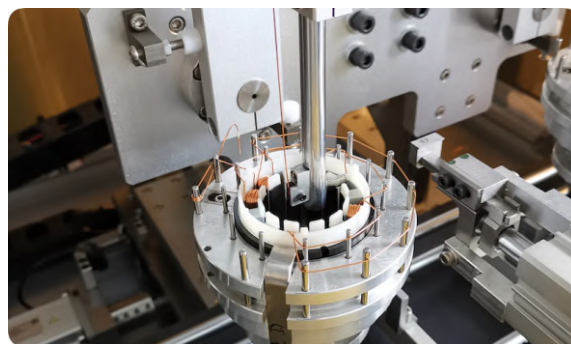


Double-fence Arm

PAB-SE3 Economical series boom barrier adopts free-maintenance brushless DC motor and PWM variable frequency controller. Opening/closing time is 0.9~6s adjustable. Incredible 3 million MCBF makes the barrier always works well with long life span. Its boom direction is quickly exchangeable. Boom type (straight/folding) can be changed at site without replacing any parts. Telescopic straight arm is also available which help you reduce shipping cost

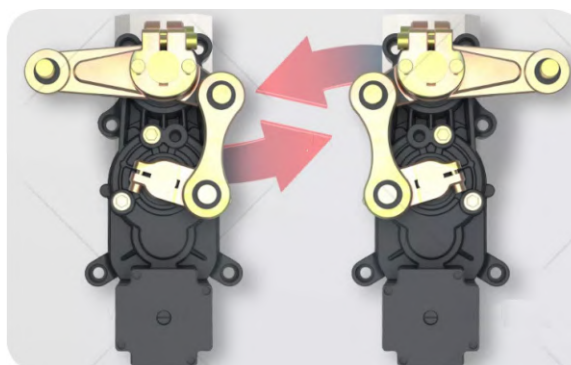
### 3 Million Cycles MCBF Free-maintenance Brushless DC Motor

Free-maintenance brushless DC24V motor provides 3 million cycles MCBF to ensure long life span of the barrier; Max.100W low consumption makes the barrier environment friendly but outputs strong torque



### Boom Direction Is Exchangeable Without Replacing Any Parts

In the past you have to keep stock for barriers with different boom direction as different sites may require different boom direction. But now boom arm direction can be exchanged easily at site without replacing any parts



Leftward

Rightward

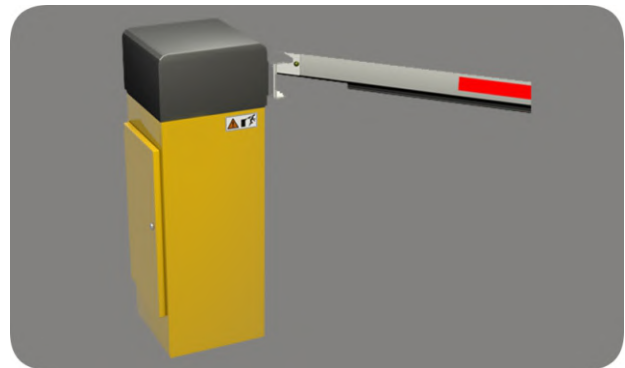
## Boom Auto-Reverse On Obstacle

While moving down, boom will automatically reverse immediately once it is obstructed by vehicle or pedestrian, which protects the vehicle or person. The sensitivity is adjustable.



## Boom Swing-off Protects Boom and Vehicle

Boom will swing off 90 degree if it was hit by a vehicle, this is to protect both vehicle and boom. It is optional. You can easily add swing-off module to a barrier which is without swing-off.



## Manually Control In Case of Power Failure

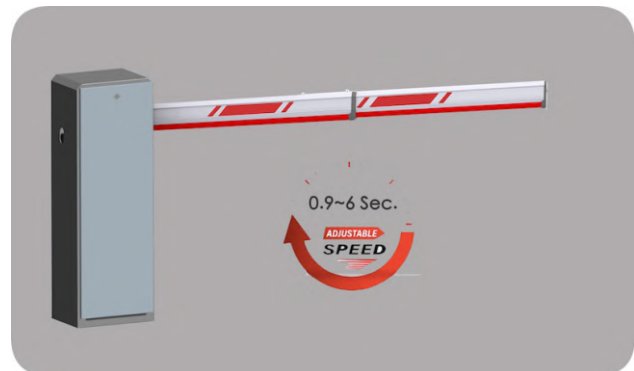
If power supply is off, you can manually open/close the barrier gate by the black lever. Also boom can be manually locked in any position between horizontal and vertical by this level.

Warning: Not allowed to use the function when power on, may hurt your hand and damage the motor.



## 0.9~6s Opening/Closing Time Adjustable

The barrier gate adopts digital frequency servo controller, which allows the stepless speed control of the drive motor under the condition of no loss of output torque, and opening/closing time can be respectively adjustable between 0.9~1.5s, 1.5~3s, or 3~6s.



## Backup Solar Panel or Lead-acid Cell

DC motor barrier can be powered by solar panel or lead-acid cell for back up power supply. Especially solar power is environment friendly which is good for earth.



## LED Illumination Makes Boom Visible In The Night

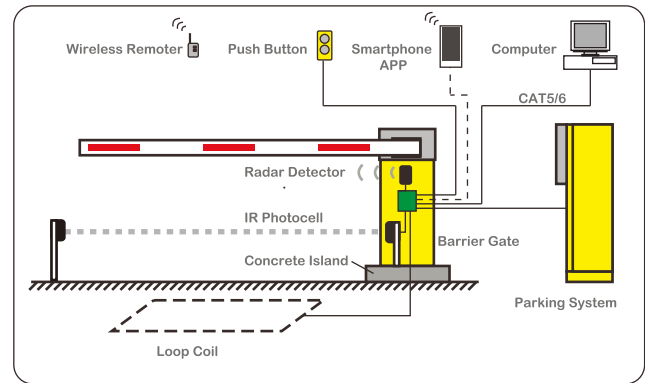
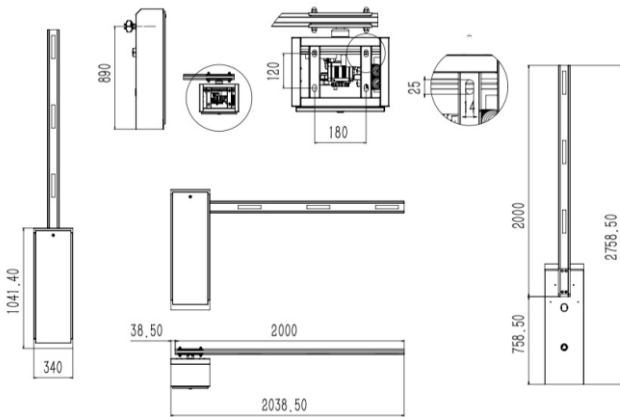
LED Illumination bar can be installed onto boom to make boom visible in the night, so that drivers can view barrier and boom clearly, this improve safety of both barrier and vehicle. Also LED decorates barrier gate.



## More Features

1. 0.9~1.5s, 1.5~3s, 3~6 sec. speed adjustable
2. Smooth moving with Max. 6m boom
3. Different types of boom can be changed without replacing any parts
4. Barrier decelerates in the end of opening and closing to avoid shaking
5. Boom automatically open up fully in case of power failure (Optional)
6. Mechanical self-locking the boom, can not lift up the boom by hand
7. Safety for vehicle--- Anti-hit by Loop Detector (Optional)
8. Safety for vehicle & pedestrian— Anti-hit by IR photocell (Optional)
9. Safety for vehicle & pedestrian— Anti-hit by "Opening Priority"
10. Automatically close in given time (Programmable)
11. Automatically close or open by loop detector (Optional)
12. Enable or disable "Always-open mode" on remote (Optional)

## Dimension (mm) Application



## Technical Parameter

<b>Close/open time</b>	0.9~1.5s, 1.5~3s, or 3~6 sec. adjustable	<b>Communication Interface</b>	RS 485 (Optional)
<b>Boom</b>	Max. 6mtr. 100×45mm Aluminum alloy Octagonal boom	<b>Spring</b>	1~2 pcs. spring according to boom length
<b>Boom</b>	Telescopic straight arm optional	<b>Housing Material</b>	1.5mm cold-rolled steel
<b>Boom Direction</b>	Leftward / rightward exchangeable	<b>Housing Painting</b>	Powder coating last 10 years
<b>Power Supply</b>	AC 86-260V, 50/60Hz	<b>Protection Rating</b>	IP 54
<b>Motor</b>	100W DC24V brushless motor	<b>G.W / N.W</b>	35/34KG
<b>Duty Cycle</b>	Less than 100% duty cycle	<b>Package Dimension</b>	1040×380×380mm
<b>MCBF</b>	3 Million Cycles (Mean Cycles Before Failure)	<b>Dimension</b>	1040×340×260mm (H*W*D)
<b>Controller</b>	PWM variable frequency controller board	<b>Operating Temperature</b>	-30°C~70°C
<b>Wireless Remote</b>	Two Remoters, distance>20m	<b>Operating Humidity</b>	10% ~ 95%

## Accessories

PWM variable frequency servo controller board	Remotes & Receiver Distance>20m	100W Brushless DC24V Servo Motor	Auto-open Module	Boom Arm Bracket
Swing off Module	45×100mm Aluminum Alloy Octagonal Boom with Rubber Bar	Arm With LED light bar: Green/red, DC12V power	90/180 Degree Articulated Arm	Single-fence Arm
Double-fence Arm	Ground Induction	Loop Detector	Photocell	Arm Holder