



# PARKING BARRIER

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# PARK L

On the basis of absorbing essence of similar products at home and abroad, the company has researched and developed this Park L series DC brushless barrier gate. This product adopts international advanced technology, with mechanical and electrical integrated design, which fully realizes automation and intelligence of operating, brings convenience、 safety and speed for using.



## DC Brushless Barrier Gate | Park L Series

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Efficient DC brushless motor and precise gear reducer drive with mechanical and electrical control integrated. More flexible and convenient operation, safe and reliable for using, completely maintenance free during its service time.

Adopts precise four-bar linkage mechanism and spring balance device which enable the barrier boom work with soft start-slow stop function in fast and stable without any impact. Reduces the driving power in maximum, extends its service life.

Integrated machine core, small size with large power, wall-mounted installation, easy for assembling and disassembling.

DC 24V low voltage brushless motor, adapts to global voltage (110~220±15%). It highlights for safer use, less noise, low heat output, frequently use, energy conservation and environmental protection.

The combination of motor hall encoder and control unit ensures the control to mechanism moving position at the utmost.

The dedicated controller system has high integration and strong logic performance. It can be connected with any toll system of roads and bridges、 parking lots and so on.

Intelligent speed adjustment efficiently reduces the trembling of the barrier boom, suitable for different occasions.

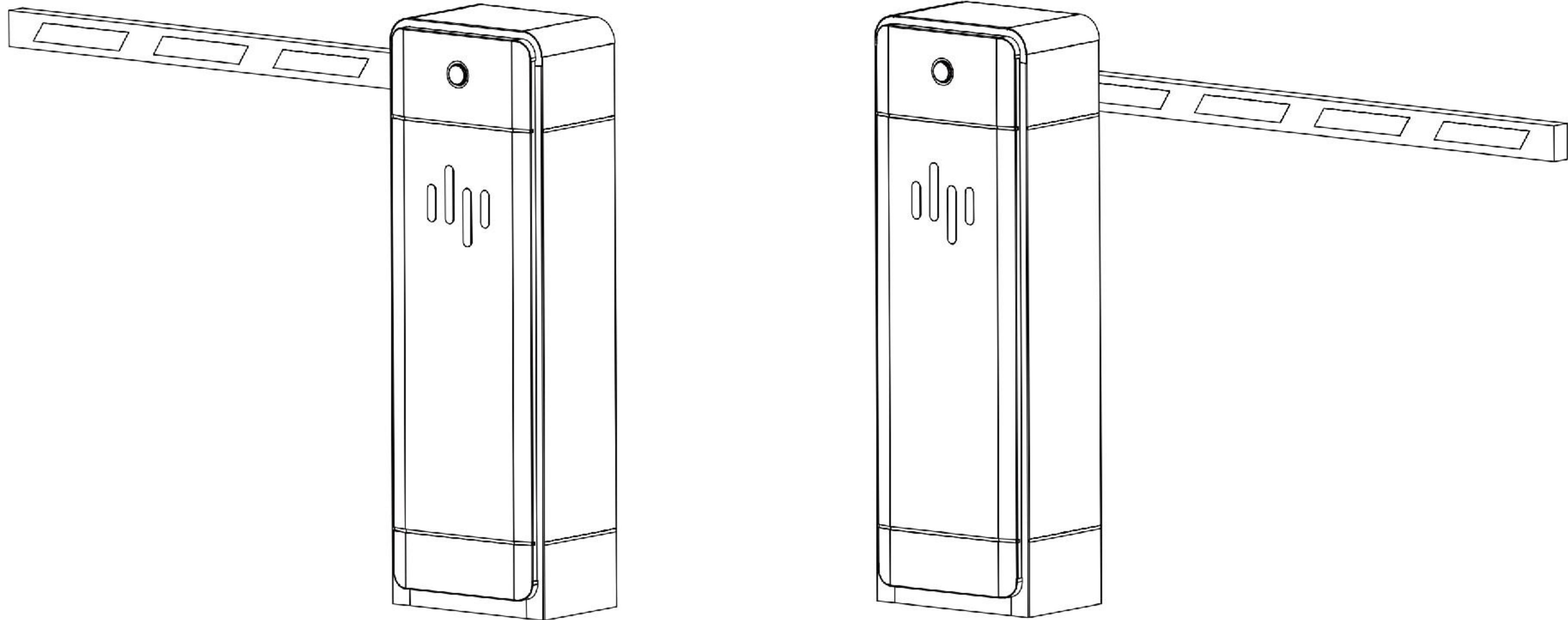
High-sensitivity Auto-reverse function will prevent incorrect operation and other crash or hitting accidents.

Open first anti-smash function: barrier boom will perform opening action once received an opening signal during the closing process.

Humanized anti-collision boom dropping-out mechanism, when the vehicle accidentally hits the barrier boom, the anti-collision mechanism will rotate the boom to avoid damage to the vehicle and the barrier gate.

High-strength precision cast steel machine case, with outdoor metal powder electrostatic spraying surface treatment, waterproof and dustproof, protection class up to IP54.

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**Rightward Fixed**

**Leftward Fixed**

Barrier Model	Park L3015	Park L4020	Park L5035	Park L6050
Boom Length	Round boom φ75, ≤3m; Octagonal boom 80×46, ≤3m	Round boom φ75, ≤4m; Octagonal boom 80×46, ≤4m	Octagonal boom 100×45, ≤5m	Octagonal boom 100×45, ≤6m
Open/Close Speed	1.5 sec	2.0 sec	3.5 sec	5.0 sec
Transmission Ratio	1:60		1:120	
Max. Power	140w			
Power Supply	AC110-240V ± 15%			
Machine Case	1.5mm Steel Plate			
Machine Case Size (W×D×H)	350 × 320 × 1020mm			
Net Weight	45kg			
Operating Temperature Range	-40~+60 °C (temperature under -20°C should be equipped with electric heating plate)			
Driving Method	Brushless DC motor + Helical gear reducer			
IP Grade	54			
Insulation Class	F			
Relative Humidity	≤ 85%			
Motor Unload Speed	2400r/min			
Service Life	5 million times			
Remote Control Distance	≤ 30m (empty environment, sunny weather)			
Running Noise	< 50dB			
Surface Treatment	Outdoor metal powder electrostatic spraying			

SIMPLE MOTOR

SIMPLE LIFE

