



RFID Integration  
(Optional)



IP 54



Magnetic  
Loop Detector  
(Optional)



Traffic Light  
(Optional)



5-10 Million  
Cycles



Photocell  
(Optional)

#### Features:

- ❑ Manual Release. In case of power Off, rotate the wheel manual release on the bottom of the motor to raise the boom manually. When power On, the motor will work normally.
- ❑ Machine core with strong and double springs, make the machine core works more steadily.
- ❑ Die-Casting aluminum alloy motor, precise and good at thermal radiation.
- ❑ Crank and rod structure makes the boom run placidly.
- ❑ Reversing on obstacle.
- ❑ Auto-Closing.
- ❑ Support the infrared photocell for anti-bumping function (optional).
- ❑ Support Loop Detector (Optional).
- ❑ R&G Light interface (AC 220V, can support lamp with 40W) optional.
- ❑ Wire control (switch signal) / Remote control
- ❑ Digital limit, more precise.
- ❑ Open Close control interface for parking system.
- ❑ Provide limit state signal to parking system.



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Model	PNS-3000Z	PNS-4000Z	PNS-6000Z
Power supply	220-240V ~ 50/60 Hz		
Motor	24V DC Brush less motor		
Opening Time	1 Sec	2.5 Sec	2.5 Sec
Max. power	100 W	140 W	140 W
Max. torque	300 Nm	600 Nm	600 Nm
Material	Steel/ Mild Steel		
Surface treatment	Pre-hot dip galvanized, 20µm thick + polyester powder coated robust corrosion resistance cabinet		
Encoder	Incremental, integrated in the motor		
Deceleration type	Electromechanical/ BLDC		
Beam type	Rectangular and rounded telescopic and adjustable Type / Telescopic (Optional)		
Max Boom Length	3m to 6m		
Ambient operating temperature	Minus 20°C to +55°C		
Protection class	IP66 (Electronic control unit) and IP54 (Barrier)		
Weight	42 Kg	43 Kg	45 Kg
Use frequency	Continuous use with 100% Duty Cycle		
MTBF	5 M	10 M	10 M
LED Strip on Boom arm	On Demand		
Push Button	Yes		
Remote	On Demand		
Loop detector	On Demand		
Photocell	On Demand		
Boom rest	No	No	Yes
Certifications	CE, FCC, RoHS,ISO		
Customization	Barrier Housing and colour		
Integration	❖ Biometric (Face / Finger) * RFID, ( LF   HF   UHF ) ❖ ANPR ❖ PMS system * Access Controllers & Other Accessories available as per request.		



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