

RKSS's Patriot Series Barriers are the ideal choice for heavy duty operation. When the requirement is a combination of maintenance free operation and aesthetic looks, Patriot barriers fit in perfectly. Made indigenously and designed with technical collaboration from Singapore, the Patriot barriers have the following features:

FEATURES & BENEFITS:

100% DUTY CYCLE OPERATION WITH 5 MILLION MTBF:

Free-maintenance torque motor ensures 100% duty cycle operation with 5 million MTBF. The heavy duty Gear Drive Motor is environment friendly, energy-saving, and maintenance-free. No electric shock or overheating while working, it protects the controller and prolongs its lifetime.

EASY INSTALLATION AND MAINTENANCE REDUCES YOUR LABOR COST :

Simple structure and double limit switch design ensures easy installation and maintenance and also reduces maintenance cost.

MANUAL OPTION IN CASE OF POWER FAILURE:

If power is suddenly switched off while the boom is closing, the barrier is equipped with a manual knob which enables the operator to manually open or close the Barrier.

HEAVY-DUTY, WEATHER-PROOF AND SIMPLE-DESIGN HOUSING:

The housing adopts 2mm precise machining cold-rolled plate and static electricity sprayed anti-UV surface which does not fade over time in. It conforms to IP54 dustproof and waterproof standards. It is simple in design and aesthetically decorates your premises.

SINE LEVER DRIVE MECHANISM ENSURES SMOOTH LANDING OF BOOM WITHOUT SHAKING :

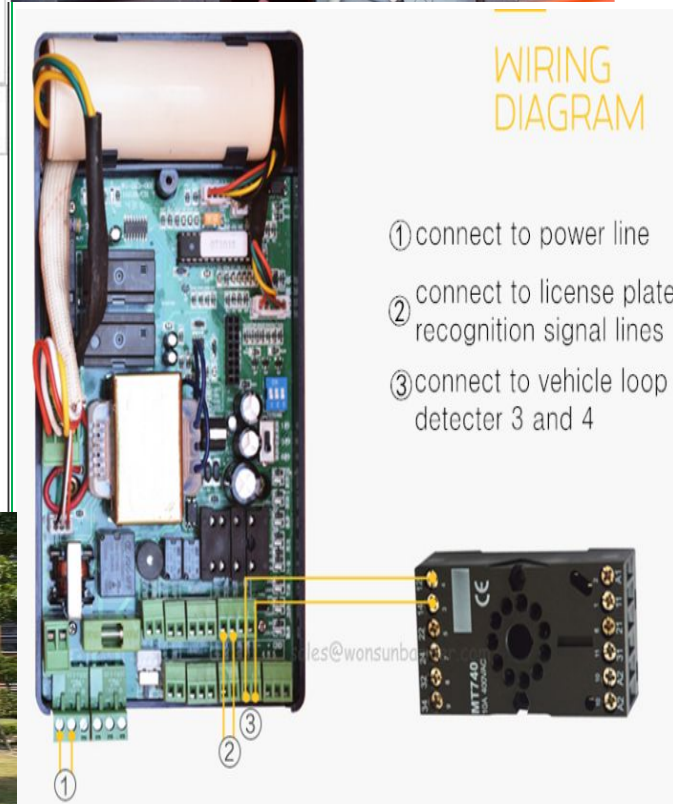
The patent pending precise casting sine lever drive mechanism enables the boom arm to move from slow to fast when it starts, and fast to slow when it stops. This will effectively reduce the shaking of the boom arm and reduce the burden of the electrical motor, in the way the lifetime of the motor and mechanical components is prolonged.



Size	350*270*935mm
Rating Voltage	AC 220/110V ±10%, 50/60Hz
Motor Power	80w
Speed Option	1.8s; 3s; 6s
Material	1.5mm galvanized plate or cold roll plate with epoxy paint
Weight	55 KG
Operation Testing	More than 5 million times
Arm Option	Straight arm, 1-6 m for option, 45°80mm or 45°100mm Folding arm, 1-4.5 m for option, 90 degree or 180 degree Fence arm, 1-5m for option, two fence or three fence
Working Temperature	-45°C — +75°C
Remote Control Distance	50-100m
Package	Packing size: 1040*352*470mm, standard export carton case Inside with PE foam for collision protection
Application	Suitable for Highway, toll station, open-parking ground, underground parking, community, shopping center

Functions&Features:

- 1) Machine core with tension spring, effectively avoids the accidents caused by spring breaking
- 2) Die-casting aluminum alloy motor, precision and good at thermal radiating
- 3) Double safety limit switches (photo cell electrical limit switch/motor memory sensor)
- 4) Arm swing out
- 5) Support the INFRARED PHTOCELL for anti-bumping function (optional)
- 6) Support the external and internal VEHICLE LOOP DETECTOR (optional)
- 7) Traffic light interface
- 8) Wire control (switch signal)/ Remote control (418MHZ)
- 9) RS485 communication module (optional)



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