



AC BARRIER GATE PB600 Series

The FAT PB600 AC Barrier Gate is engineered to deliver stable performance for everyday vehicle access control in commercial and industrial environments. Designed with proven AC motor technology, PB600 offers strong torque output, smooth arm motion and long mechanical lifespan — suitable for sites that require continuous traffic flow with low maintenance cost.

Key Features



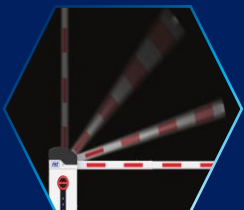
AC Torque Motor Design

consistent strength and stable lifting power for daily operation.



Balanced Spring Support

smoother movement, less vibration, longer mechanical lifespan.



Auto-Reverse Safety

barrier arm automatically reverses when obstruction is detected.



Weather Resistant Metal Housing

built to operate in Malaysia outdoor conditions.



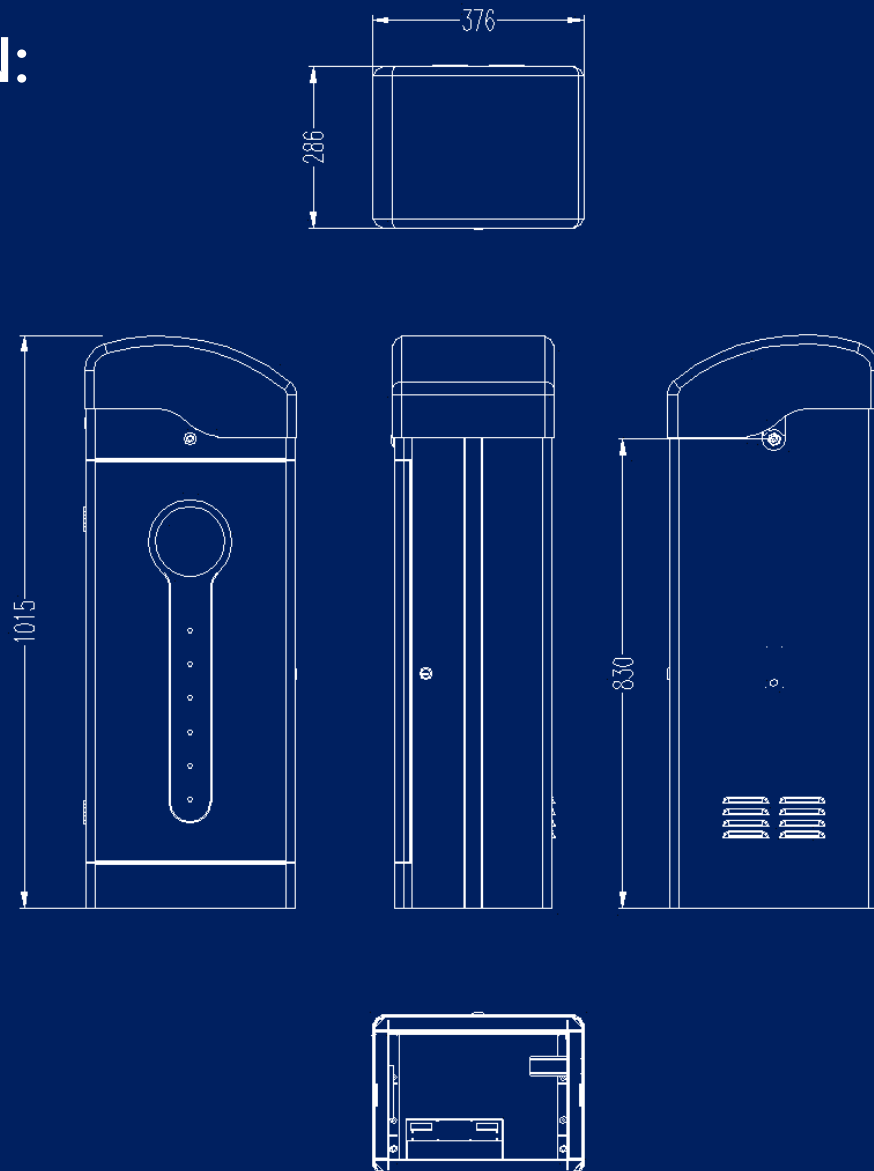
Easy Manual Release

in power failure, arm can be unlocked by key easily from outside.

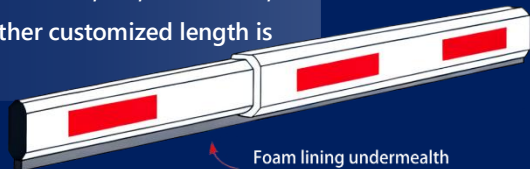
SPECIFICATION

Parameter	Specification
Motor Type	FAT AC Torque Motor
Max Starting Torque	1 second: 1.4 ± 0.2 N.M / 3~6 second: 2.1 ± 0.1 N.M
Motor Rotation Speed	1 sec speed: 900 ± 50 RPM / 3~6 sec speed: 460 ± 40 RPM
Operating Temperature (Mechanical)	-40°C to 75°C
Operating Temperature (Electrical)	-10°C to 75°C
Power Supply	220V $\pm$ 10% AC, 50/60Hz
Typical Power Consumption	approx. 80W – 1.25A @ 240V
Internal Lubrication	Grease
Ingress Protection Rating	IP44
Arm Opening Speed	1.8 sec / 3 sec / 6 sec
Mechanical Life Rating	approx. 4 million cycles

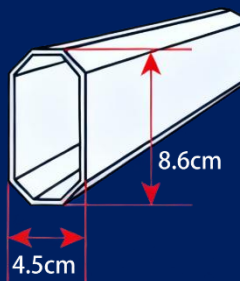
DIMENSION:



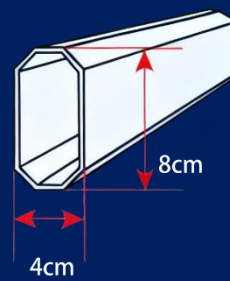
Telescopic arm is made of octagon aluminium hollow. There are 4 standard lengths available: 3m, 4m, 4.5m or 6m, depend on barrier gate model. Other customized length is also available upon request.



Foam lining underneath barrier arm to reduce dent damage in the event topdown collision with vehicle



Main Section



Extended Section

Octagonal hollow aluminum arm — strong, lightweight, and stylish.

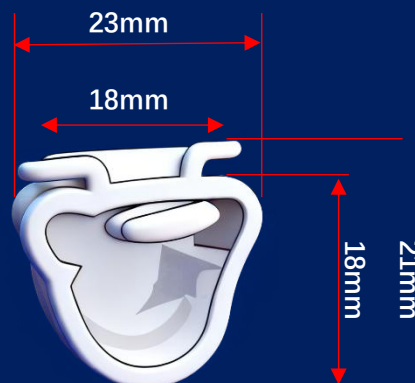
Available in 4 m or 6 m lengths, depending on the model.

Optional rubber-lined LED strip (3.5 m / 5.5 m) — easy to install and trim to fit.



LED light rubber

Rubber lining with LED light underneath barrier arm for illumination and reduce dent damage in the event top&down collision vehicle



Wave Radar Detector



Certified by:



WR601

☒ Effortless & Fast Installation ★★★★★

No road cutting or loop coil embedding needed. Easily mounted externally on the barrier gate housing in under 30 minutes, significantly reducing installation labor costs.

☒ Proactive Safety Protection ★★★★★

real-time identifies people and various obstacles, the barrier arm auto-retracts in advance to effectively prevent impacts.

ORDERING INFO

Model	Open/ Close Speed	Max arm length/ type	Arm Swing out
PB618	1.8sec	4m Telescopic Arm	Yes
PB630	3sec	4.5 Telescopic Arm	Yes
PB660	6sec	6m Telescopic Arm	No
PB618-90	1.8sec	4m Folding Arm	No
PB630-90	3sec	4m Folding Arm	No
PB660-90	6sec	4m Folding Arm	No
PB630-180	3sec	3.5m Folding Arm	No
PB660-FE	6sec	4.5m Fence Arm	No

Reliable. Durable. Practical Value.

