



BOOM BARRIER

GS-BBEDC6

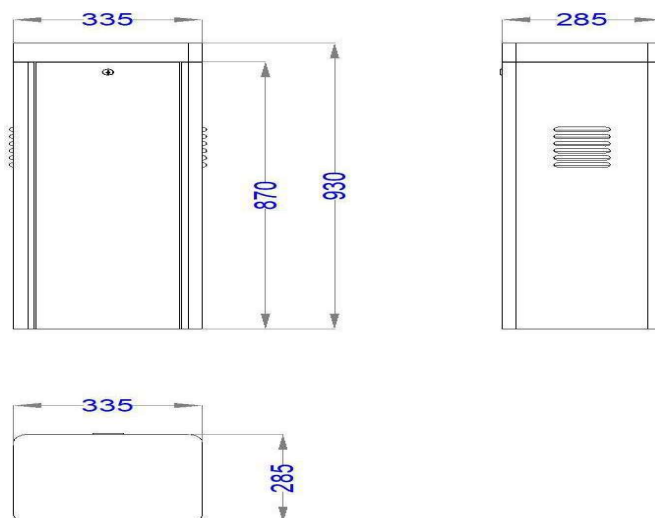
- **GD-BBEDC6** is designed for **continuous use** and can **easily manage high traffic** volumes.
- It comes with **MS galvanized housing** with aluminum boom.
- Large passage widths can **be secured** with boom lengths up to **6 meters**.
- Durability with **minimal maintenance** resulting in millions of **trouble free operations**.
- The boom barrier can create a **secure environment** by providing a restricted passage.
- It offers to integrate with battery backup and some of necessary safety devices like loop detector, photocell, warning flash light.

TECHNICAL DATA

DESCRIPTION	GS-BBEDC6
MECHANISM TYPE	ELECTRO-MECHANICAL
CONSTRUCTION	MS POWDER COATED
NOISE	<70 dB
OPERATING TEMPERATURE	-20~+55
PROTECTION LEVEL	IP-55 ,PCB-IP-68
MOTOR TYPE	DC Brushless
MOTOR ROTATION	1400r/min
MOTOR POWER SUPPLY	24 VDC
POWER SUPPLY to SMPS	110~220VAC 50Hz
MAX POWER CONSUMPTION	140 W
WEIGHT	45 Kg's
BARRIER DIMENSION	930H X 335W X 285D mm

MECHANISM

- Heavy duty **electro-mechanical mechanism** for intensive use.
- Internal parts made of cast iron making it **rigid and long lasting**.
- Suitable for **indoor or outdoor** applications.
- Lubricated deep groove ball bearing make the barrier **smooth and noise free**.
- Unique manual control **provides fail safety solution** in case of emergency or power failure.
- Providing egress in case of **crisis evacuations**



FEATURES

- ROBUST HOUSING MADE OF MS POWDER COATED.
- BRUSHLESS DC MOTOR WITH GEAR SUPPORT.
- TELESCOPIC ALUMINUM BOO UP TO 6 MTR.
- MULTI FUNCTION CONTROLLER.
- 24V BATTERY BACKUP(OPTIONAL)

APPLICATIONS

- TOLL PLAZA
- ADMISTRATIVE BUILDINGS
- MANUFACTURING HUBS
- AMUSEMENT PARKS
- BUSSINESS PARKS
- HOTELS
- CO-OPERATE OFFICES
- SHOPPING MALL
- RESIDENTIAL SOCIETIES

ACCESSORIES

- WIRELESS REMOTE
- CONTROL PUSH BUTTON
- LOOP DETECTOR
- IR SENSOR
- BOOM REST
- TCP/IP (optional)



CONTROLLER

- High reliability MOSFET controller
- Can be integrated with **third party access controls**
- Multifunctional controller with relay output.
- Inbuilt programmable button with display for parameter setting.

OPERATION & SPEED

- 1.5 SECONDS FOR 1-3 MTRS
- 5.0 SECONDS FOR UP TO 6 MTRS
- ADJUSTABLE SPEED 1.5 SEC TO 8 SEC
- REVERSE ON CONTACT FEATURE
- BOOM FLY AWAY ON CONTACT FEATURE
- 10 MILLION DUTY CYCLE.
- SMOOTH OPERATION OF BOOM (JERK AND BOUNCE FREE)

CONSTRUCTION

- Heavy duty material used for internal assembly
- High grade MS sheet for external housing with air ventilators
- Key lock to provide secure access to electronics and connections
- Left/right interchangeable.

COMMUNICATIONS

- Dry contact relay with **12 volt pulse**.
- Integration also possible with remote receivers.



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