

BARRIER GATE OPERATORS

Models BGUS, BGUS-D, SG & SG-D

COMMON FEATURES

- Slower operating counter-weighted arms for secure control of vehicular traffic
- Lockable galvanized steel cabinet with white or yellow powder coat finish
- Wood arm included
 - BGUS: 14', 16', 18'
 - SG: 16'-25' wishbone style
- Heavy-duty right-angle oil bath gear reducer
- Heavy-duty harmonic link with bronze bushings
- UL325/UL991 compliant 24VDC control board

BGUS-D AND SG-D FEATURES

- Full time DC powered battery backup with seamless transition
- Full time 1/2 HP DC motor
- Selectable fail safe or fail secure modes of operation
- Solar Power capable
- Batteries included

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BGUS & BGUS-D
Single arm 14'-18'
115 or 230 VAC



SG & SG-D
Wishbone style arm
16'-25' long
115 or 230 VAC



All Models ETL Listed;
UL325 Compliant



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ELECTRICAL

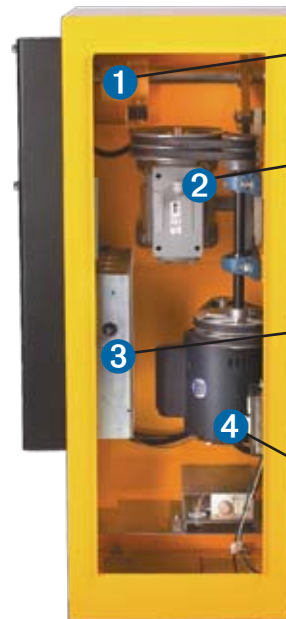
- Solid state 24V control board UL325/UL991 compliant
- 15 diagnostic LEDs on board for ease of setup and trouble shooting
- Integral entrapment sensing system with dual multi-turn precision potentiometers for accurate adjustment and enhanced safety
- Integrated maximum run and auto close timer (0-124 seconds)
- Built-in master/slave capability using 3-wire shielded cable
- 24V AC and DC power available for access control accessories

MECHANICAL

- Lockable powder coated cabinet available in yellow or white
- Wood gate arm included. Painted white with yellow and black warning tape on both sides
- Heavy-duty gate arm clamp

BGUS and SG OPERATOR SPECIFICATIONS

	Model	HP	Voltage	Arm Length	Seconds to Open	Maximum Cycles
BGUS	BGUS-14-2	1/2	115 or 230 VAC	14'	11	Continuous
	BGUS-16-2	1/2	115 or 230 VAC	16'	11	Continuous
	BGUS-18-2	1/2	115 or 230 VAC	18'	11	Continuous
BGUS-D	BGUS-D-14-2	1/2	115 VAC/24 VDC Solar Optional	14'	11	Continuous
	BGUS-D-16-2	1/2	115 VAC/24 VDC Solar Optional	16'	11	Continuous
	BGUS-D-18-2	1/2	115 VAC/24 VDC Solar Optional	18'	11	Continuous
SG	SG-TB-25-2	1/2	115 or 230 VAC	16'-25' Wishbone	11	175/Day
SG-D	SG-D-25-2	1/2	115 VAC/24 VDC Solar Optional	16'-25' Wishbone	11	175/Day



1 Cam operated limits

- Easily accessible through access door

2 Heavy-duty drive components

- Oil bath gear reduction
- Harmonic link with oil impregnated bronze bushings
- Dual V-belt drive

3 Solid-State Control Circuitry

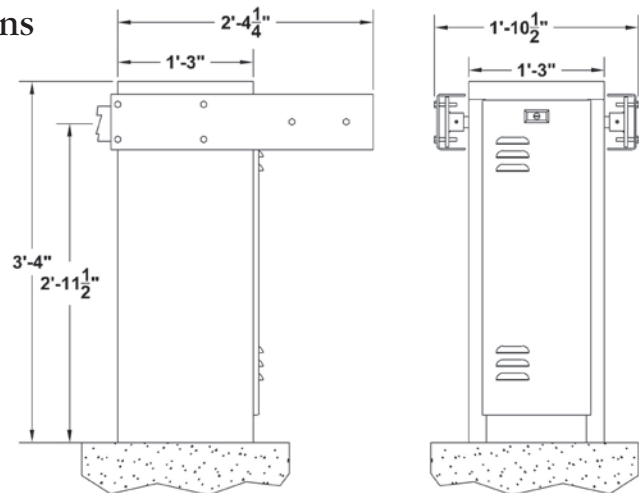
- UL325/UL991 compliant 24VDC control board
- Full feature for access control, security, and entrapment protection

4 Standard convenience features

- Power on/off button
- Accessory power outlet on 115V operators
- 3-button station

Model BGUS shown with optional thermostatically controlled heater

Dimensions



CAUTIONS



- Automatic gates not for pedestrians
- Automatic gate operators designed for vehicular traffic only; operators are powerful and can cause serious injury or death; **DIRECT ALL PEDESTRIAN TRAFFIC TO SEPARATE PEDESTRIAN GATE**
- UL325 requires use of contact or non-contact anti-entrapment devices
- ASTM F2200 requires that all exposed rollers are covered

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