

BARRIER GATE OPERATORS

Models

BGUS & BGUS-D

SG & SG-D

COMMON FEATURES

- Top mounted, easily accessible APeX controller
- 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 & SG-D FEATURES

- Full time DC powered battery backup with seamless transition
- Full time ½ HP DC motor
- Selectable fail safe or fail secure modes of operation
- Solar Power capable
- Batteries included

Linear®
Building On Innovation.



**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
- Diagnostic LED display for ease of setup and trouble shooting
- Integral entrapment sensing system with digital set point for accurate adjustment and enhanced safety
- Integrated maximum run and auto close timers
- Built-in dual gate capability using 3-wire shielded cable
- 24V DC power available for access control accessories

MECHANICAL

- Conveniently located top mounted controller
- Lockable powder coated cabinet available in yellow or white
- Wood gate arm included, painted white with red and white warning tape on both sides
- Heavy-duty gate arm clamp

BGUS & SG SERIES 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
BGU-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-25-211	1/2	115 VAC / 24 VDC Solar Optional	16' - 25' Wishbone	11	175 / Day



Model BGUS shown with optional thermostatically controlled heater

1 APeX Controller

- UL325/UL991 compliant 24VDC control module
- Full featured for access control, security, and entrapment protection
- Integral MegaCode receiver
- On-board 3-button station

2 Cam operated limits

- Easily accessible through access door

3 Heavy-duty drive components

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

4 Standard convenience features

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



Model SG top view

CAUTIONS



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

