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 galvannealed 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

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

Supporters and Proud Members of
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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
- Convenienly 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

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

BGUS & SG SERIES OPERATOR SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>HP</th>
<th>Voltage</th>
<th>Arm Length</th>
<th>Seconds to Open</th>
<th>Maximum Cycles</th>
</tr>
</thead>
<tbody>
<tr>
<td>BGUS</td>
<td>1/2</td>
<td>115 or 230 VAC</td>
<td>14'</td>
<td>11</td>
<td>Continuous</td>
</tr>
<tr>
<td>BGUS-16-2</td>
<td>1/2</td>
<td>115 or 230 VAC</td>
<td>16'</td>
<td>11</td>
<td>Continuous</td>
</tr>
<tr>
<td>BGUS-18-2</td>
<td>1/2</td>
<td>115 or 230 VAC</td>
<td>18'</td>
<td>11</td>
<td>Continuous</td>
</tr>
<tr>
<td>BGUS-D-14-2</td>
<td>1/2</td>
<td>115 VAC / 24 VDC</td>
<td>14'</td>
<td>11</td>
<td>Continuous</td>
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<tr>
<td>BGUS-D-16-2</td>
<td>1/2</td>
<td>115 VAC / 24 VDC</td>
<td>16'</td>
<td>11</td>
<td>Continuous</td>
</tr>
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<td>BGUS-D-18-2</td>
<td>1/2</td>
<td>115 VAC / 24 VDC</td>
<td>18'</td>
<td>11</td>
<td>Continuous</td>
</tr>
<tr>
<td>SG-TB-25-2</td>
<td>1/2</td>
<td>115 or 230 VAC</td>
<td>16' - 25' Wishbone</td>
<td>11</td>
<td>175 / Day</td>
</tr>
<tr>
<td>SG-D-25-211</td>
<td>1/2</td>
<td>115 VAC / 24 VDC</td>
<td>16' - 25' Wishbone</td>
<td>11</td>
<td>175 / Day</td>
</tr>
</tbody>
</table>

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

Cam operated limits
- Easily accessible through access door

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

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

Dimensions

Model BGUS shown with optional thermostatically controlled heater

Model SG top view

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