6003 VEHICULAR SWING GATE
24 VOLT DC ACTUATOR

- Residential

- Mounts directly on gate and gate-post – simplifying installation and eliminating the need for concrete pads
- Battery backup provides uninterrupted operation if primary (AC power) is lost
- Soft Start / Stop operation
- 115 VAC or 24 VDC Solar powered control box options
- 2-Year Limited Warranty

Solar Powered Control Box
AC Powered Control Box

- Solar powered
panel and battery options available
- Reliability
in a compact and simple to install design
- Soft start/soft stop
provides smooth gate operation
- Fully enclosed
screw drive protects screw threads

ACCESS CONTROL SOLUTIONS
6003 VEHICULAR SWING GATE ACTUATOR

46.5" L (extended) x 3.25" H x 5" D  
(1181mm W x 82.5mm H x 127mm D)

**Technical Features**

### Mechanical
- **Speed:** 90° in approximately 16 seconds
- **Case:** extruded aluminum
- **Useable rod stroke:** 15" 
- Fully enclosed piston prevents dust, dirt and other airborne corrosives from contaminating the screw threads
- **Keyed release provided**
- **Fail-secure mechanical**
- **Control box enclosure rated NEMA 4X.**
- **Protection Class IP44**

### Electrical
- Adjustable built in limit switches precisely control the start / stop speed, and travel of gate for smooth operation
- **Built-in battery charger**
- 90° maximum gate opening
- **Gate overlap feature for dual gate operation**
- **Magnetic lock power circuit (115 VAC control box only)**
- Built-in reset and test buttons
- Maximum run timer
- **Built-in high current warning**
- 0.0 A SBPD Circuit (Pat Pend) (Solar Control Box only)

### Miscellaneous
- **Environmental:** 32°F to 115°F (0°C to 46°C) *
  - *The temperature range shown is for optimal battery performance. While these systems will operate beyond these limits, exceeding the temperature range will reduce battery efficiency and may cause permanent battery damage.
- **Shipping Weights:**
  - **Actuator:** Approx 20-25 Lbs. (9-11.3 kg)
  - **Std Control Box:** Approx 30 Lbs. (13.6 kg)
  - **Deluxe Control Box:** Approx 40 Lbs. (18.14 kg)
  - **Solar Control Box w/18 Ah Batteries:** Approx 60 Lbs (27.22 kg)
  - **Solar Control Box w/35 Ah Batteries:** Approx 90 Lbs (40.82 kg)
  - **Solar Control Box (No Batteries):** Approx 30 Lbs (13.6 kg)
- Actuator requires Type B1 or Type B2 entrapment protection devices with 10K resistive termination, otherwise the actuator will not function

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<table>
<thead>
<tr>
<th>CLASS OF OPERATION</th>
<th>MAX GATE LENGTH *</th>
<th>MAX GATE WEIGHT *</th>
<th>MOTOR</th>
<th>BATTERIES</th>
<th>SOLAR PANEL</th>
<th>INPUT POWER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Actuator</td>
<td>10 Ft (3.05 m)</td>
<td>300 Lbs. (136 kg)</td>
<td>Continuous Duty DC motor</td>
<td>–</td>
<td>–</td>
<td>24 VDC</td>
</tr>
<tr>
<td>AC Powered Control Box(s)</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>Two (2) 3.5 Ah included</td>
<td>115 VAC</td>
</tr>
<tr>
<td>Solar Powered Control Box</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>Two (2) 18 Ah or 35 Ah</td>
<td>24 VDC</td>
</tr>
</tbody>
</table>

* Assumes gate to be in good condition and swinging in a level plane.

**Access Control Solutions since 1948**

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