Swing Gate Operators

**SW Series**

**SWC Commercial**
- 1/2 or 1 HP continuous-duty PSC motor
- 115 VAC or 230 VAC single phase

**SWD Commercial/Residential**
- DC-powered battery back-up with advanced soft start/soft stop motor control
- Full-time 1/2 HP DC motor
- Selectable fail-safe or fail-secure modes of operation
- Solar power capable

**SWR Residential**
- 1/2 HP PSC motor
- 115 VAC or 230 VAC single phase

**Common Features**
- Crank style
- Black UV Stabilized polyethylene cover
- Pad mount standard; post mount optional
- Exterior reset button
- UL325/UL991 compliant APeX controller
- Fully integrated radio receiver

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**SW SERIES SWING GATE OPERATOR SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Model</th>
<th>HP</th>
<th>Voltage Single-Phase</th>
<th>Maximum Gate Length</th>
<th>Maximum Gate Weight</th>
<th>Open Speed</th>
<th>Max Cycles</th>
</tr>
</thead>
<tbody>
<tr>
<td>SWC</td>
<td></td>
<td>115 / 230 V</td>
<td>17'</td>
<td>600 lbs</td>
<td>11-14 sec</td>
<td>Continuous</td>
</tr>
<tr>
<td>SWC-2</td>
<td>1/2</td>
<td>115 / 230 V</td>
<td>19'</td>
<td>1000 lbs</td>
<td>11-14 sec</td>
<td>Continuous</td>
</tr>
<tr>
<td>SWD</td>
<td>1/2</td>
<td>115 V</td>
<td>18'</td>
<td>700 lbs</td>
<td>11-14 sec</td>
<td>Continuous</td>
</tr>
<tr>
<td>SWD-211</td>
<td>1/2</td>
<td>24 VDC battery backup (solar charger optional)</td>
<td>18'</td>
<td>700 lbs</td>
<td>11-14 sec</td>
<td>Continuous</td>
</tr>
<tr>
<td>SWR</td>
<td></td>
<td>115 V</td>
<td>15'</td>
<td>500 lbs</td>
<td>11-14 sec</td>
<td>150/day</td>
</tr>
<tr>
<td>SWR-211</td>
<td>1/2</td>
<td>230 V</td>
<td>15'</td>
<td>500 lbs</td>
<td>11-14 sec</td>
<td>150/day</td>
</tr>
</tbody>
</table>
Features

**Electrical**
- Integral entrapment sensing system with digital set point for quick accurate adjustment and enhanced safety
- Continuous tone entrapment alarm with reset button
- Integrated programmable warning beeper during gate movement
- LED diagnostic display for ease of setup and troubleshooting
- Selectable pre-start alarm with provision for ADA compliant visual pre-start and run alarm
- Regulated 24 Volt DC power available for access control accessories
- Integrated maximum run and auto close timer (0-9 minutes)
- Built-in networked dual gate capability using 3-wire shielded cable

**Mechanical**
- Heavy-duty, zinc-plated, steel chassis
- Right-angle gear reducer
- 1” diameter output shaft
- Optional adjustable torque limiter
- Heavy-duty pillow block bearings
- Universal pad mount standard; optional post mount kit

1. Cam Operated Limits
   - Easily accessible through access door

2. APeX Controller
   - UL325/UL991 compliant 24 VDC control module
   - Full featured for access control, security, and entrapment protection
   - Integrated radio receiver, plug-in loop detector capability, surge protection, and easy to read labeling standard.

3. Steel Crank
   - Easily removable
   - Integrated manual disconnect

4. Heavy-Duty Components
   - Gear reducer and pillow block bearing for smooth, reliable, quiet power transmission

5. Standard Convenience Features
   - Exterior reset button
   - Power on/off button
   - Accessory power outlet on 115 V machines
   - Integrated 3-button station

**CAUTION**
- 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