

**GTO[®] / ACCESS
SYSTEMS**
RESIDENTIAL SERIES
GP-SW050
SWING GATE OPERATOR

For gates up to 16 ft. (4.9 m) long & 650 lbs. (295 kg) per leaf

Technology • Innovation • Quality
Since 1987



**Inherent UPS
(Battery Back-up)
System**



Available from:

www.gtoaccess.com



Inherent UPS
(Battery Back-up)
System

GP-SW050

SWING GATE OPERATOR

RESIDENTIAL SERIES

CAPACITY:

*The GP-SW050 is designed for operation of swing gates.
Max Gate; Weight 650 lbs. (295 kg), Length 16 ft. (4.9 m)
(For bi-parting dual gates, a second operator is required).*

Assumes gate to be free swinging, in good working condition,
and on a level plane.

MECHANICAL SPECIFICATIONS:

- AC Powered with inherent UPS (Uninterrupted Power System / Battery Backup) gate operation and all DC powered counters / safety devices.
- On board 12 V DC power delivers 300 Amp UPS
- 120 Vac 60 Hz built in power receptacles (1 amp rated)
- 1200:1 direct drive worm gear with totally enclosed gear reduction
- 2500 RPM, 24V brushless DC motor 1/2 HP. equivalent
- 100% solid-state motor controls circuitry
- Operating temp 5 F (-28C) to +160 F (71 C)
- Opening speed to 90 degrees from 15 seconds
- Weatherproof high density ABS, UV resistant cover
- Heavy Duty Steel Chassis

ELECTRICAL SPECIFICATIONS:

- GTO's advanced technology residential control board
 - Digital / optical limits with fine adjustment JOG push buttons for easy and accurate setting of limits
 - 100% solid-state motor controls circuitry
 - APS (Absolute Position System) tracking system
 - On board 3-Push button control station
- Operation, diagnostic and safety alarms, reverse sensor system
- Visual LED and audible diagnostic indicators
- Plug-in loop detector inputs for exit, shadow and safety loops
- Smooth start / smooth stop—for long mechanical life expectancy
- Built in power management system utilizing a high efficiency switchmode power supply. (AC power supply, audible and visual low battery indicators, no loss of functionality in battery back up mode)
- Auto close adjustable 3-120 seconds delay
- Fail Safe or Fail Secure DIP switch selectable for low battery operation
- 12 Vdc, 300mA (.3 Amp), poly fuse protected auxiliary power output.

DIMENSIONS:

Height: 33"

Depth: 18"

Width: 15"

SHIPPING WEIGHT: 125 lbs.

WARRANTY: 7 Year Warranty
(RESIDENTIAL application)

CLASS OF OPERATION:

Class I, II, III, IV

SAFETY LISTINGS:

System Certified with UL325 5th Edition
safety standards, ETL listed

DUAL GATE APPLICATIONS:

The GP-SW050 is dual gate capable via
communication link wires (14 – 20
gauge multi stranded 2-wire shielded)

SUGGESTED ACCESSORIES:

- Pluggable loop detectors (**LOOPDT1**)
- Driveway Vehicle Sensor:
(50'-250' lengths) (**FM139-FM141**)
- Safety Photo Beams (**R4222**)
- Estate Wireless Intercom with
integrated keypad (**F4100MBC**)
- Universal receiver (**RB709U-NB**)
- Loops (**L-SC-408-L-PO-0612**)
- Automatic Gate Lock (**FM144**)
- Keychain Transmitter (**RB741**)
- Digital Keypad (**F310**)