

GTO[®] / ACCESS SYSTEMS

COMMERCIAL SERIES

GP-SW100
CONTINUOUS DUTY
SWING GATE OPERATOR

For swing gates up to 20 ft. (6.1 m) long & 1200 lbs. (544.3 kg) per leaf

Technology • Innovation • Quality
Since 1987



**Inherent UPS
Battery Back-up
System**



Available From:

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rev-6/11/09



Inherent UPS Battery Back-up System



[Batteries and Receiver not included.]

GP-SW100**CONTINUOUS DUTY SWING GATE OPERATOR****COMMERCIAL SERIES**

The GP-SW100 is designed for operation of swing gates. Max Gate Weight 1200 lbs. (544.3 kg), Length 20 ft. (6.1 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.

FEATURES:

- ▶ Maintenance-Free, 24V brushless DC motor 1/2 HP equivalent.
- ▶ Continuous Duty Cycle.
- ▶ AC Powered with inherent UPS (Uninterrupted Power System/ Battery Backup) gate operation and all DC powered counters/ safety devices.

MECHANICAL:

- 1200:1 direct drive worm gear with totally enclosed gear reduction.
- 100% solid-state motor controls circuitry.
- Operating temp -5 F (-21C) to +160 F (71 C).
- Opening speed to 90 degrees from 15 seconds.
- Weatherproof high density ABS, UV resistant cover.
- Heavy Duty Steel Chassis.
- Operation, diagnostic and safety alarms,
- Inherent obstruction sensing.
- Soft start/soft stop—for long mechanical life expectancy.
- Auto close adjustable 3–120 seconds delay.

ELECTRICAL/POWER:

- Batteries are required (not included): two 12 V DC, U1 230A minimum cold crank amps wired together in series.
- On board 12 V DC power delivers 300 mA for accessories.
- 120 V AC 60 Hz built in power receptacles (1 amp rated).
- GTO's advanced technology commercial control board:
 - Digital/optical limits with fine adjustment JOG push buttons for easy and accurate setting of limits.
 - APS (Absolute Position System) tracking system.
 - On board 3-Push button control station.
- Visual LED and audible diagnostic indicators.
- Plug-in loop detector inputs for exit, shadow, and safety loops.
- Fail Safe or Fail Secure DIP switch selectable for low battery operation.
- 12 V DC, 300mA (.3 Amp), poly fuse protected auxiliary power output.

DIMENSIONS:

Height: 33"
Depth: 18"
Width: 15"

SHIPPING WEIGHT: 130 lbs. (59 kg)

WARRANTY:

- 7 Year Mechanical; 5 Year Electrical (RESIDENTIAL application)
- 5 Year Mechanical; 3 Year Electrical (COMMERCIAL application)

CLASS OF OPERATION:

Class I, II, III, IV

SAFETY LISTINGS:

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

DUAL GATE APPLICATIONS:

For dual gate applications, a second operator is required. The GP-SW100 is dual gate capable via communication link wires (22 AWG Type 8761 Belden wire)

SUGGESTED ACCESSORIES:

- Transmitters (**RB741**)
- Universal Receiver (**RB709U-NB**)
- Driveway Vehicle Sensor (**FM139**)
- Photo Beams (**R4222**)
- Magnetic Gate Lock (**R1300**)
- Digital Keypad (**F310**)

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