

**GTO[®] / ACCESS
SYSTEMS**

COMMERCIAL SERIES

GP-SW100

CONTINUOUS DUTY

SWING GATE OPERATOR

For 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**



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www.gtoaccess.com





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CAPACITY:

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.

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: 130 lbs.

WARRANTY:

7 Year RESIDENTIAL
5 Year COMMERCIAL

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-SW100 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**)