

GTO[®] / ACCESS SYSTEMS

COMMERCIAL SERIES

GP-SL100
CONTINUOUS DUTY
SLIDE GATE OPERATOR

For slide gates up to 37 ft. (11.3 m) long & 1200 lbs. (544.3 kg) 32 ft. (9.8 m) opening



Technology • Innovation • Quality
Since 1987

**Inherent UPS
Battery Back-up
System**



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Inherent UPS Battery Back-up System

[Batteries and Receiver not included.]



GP-SL100

CONTINUOUS DUTY SLIDE GATE OPERATOR

COMMERCIAL SERIES

The GP-SL100 is designed for operation of slide gates. Max Gate Weight 1200 lbs. (544.3 kg), Length 37 ft. (11.3 m) with a 32 ft. (9.8 m) opening. (For bi-parting dual gates, a second operator is required). Assumes gate to be free sliding, 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:

- 25:1 direct drive worm gear with totally enclosed gear reduction.
- Operating temp -5 F (-21C) to +160 F (71 C).
- Non back-drive gearbox with ball bearing output shaft.
- #41 Chain 20 ft. with master links.
- 12" per second maximum travel speed.
- 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: 27"
Depth: 18"
Width: 15"

SHIPPING WEIGHT:

84 lbs. (39 kg). Meets UPS shipping standards.

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-SL100 is dual gate capable via communication link wires (22 AWG Type 8761 Belden wire).

SUGGESTED ACCESSORIES:

- Transmitters (**RB741**)
- Universal Receiver (**RB709U-NB**)
- Pluggable Loop Detectors (**LOOPDT1**)
- Loops (**L-SC-0408/L-PO-0408**)
- Photo Beams (**R4222**)
- Magnetic Gate Lock (**R1300**)

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