GP-SL050
SLIDE GATE OPERATOR

For gates up to 32 ft. (9.8 m) long & 800 lbs. (362.9 kg) 27 ft. Opening

Technology • Innovation • Quality
Since 1987

Inherent UPS
(Battery Back-up) System

Available from:
www.gtoaccess.com
**CAPACITY:**
The GP-SL050 is designed for operation of slide gates. Max Gate: Weight 800 lbs. (362.9 kg), Length 32 ft. (9.8 m) with a 27 ft. (8.3 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.

**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)
- 25:1 direct drive worm gear with totally enclosed gear reduction
- 2500 RPM, 24V brushless DC motor - 1/2 HP. equivalent
- Operating temp 5 F (-28C) to +160 F (71 C)
- Non back-drive gearbox with ball bearing output shaft
- #41 Chain
- 12” per second maximum travel speed
- Weatherproof high density ABS, UV resistant cover
- Heavy Duty Steel Chassis

**ELECTRICAL SPECIFICATIONS:**
- GTO’s advanced technology commercial 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: 27”
- Depth: 18”
- Width: 15”

**SHIPPING WEIGHT:** 74 lbs. (39 kg) Meets UPS shipping standards.

**WARRANTY:**
7 year 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-SL050 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 (LSC-408-L-PO-0612)
- Keychain Transmitter (RB741)
- Digital Keypad (F310)