



PLATINUM ACCESS SYSTEMS, INC.

# BLSL840

## Heavy Duty Light Gate Slider

The **BLSL840** with its ultra-quiet high torque brushless DC motor is the first choice for Residential/Commercial applications. This full features state of the art operator uses a 120/220VAC single phase main power source and utilizes a high efficient switching power supply to supply the proper voltage for operation. The operator is equipped with a built-in 24VDC battery backup system and it can operate with a direct solar panel connection as well.

This operator is designed to operate in any climate; it does not require a gearbox or a battery heater to operate in -20°F. Temperature between -20°F and -40°F require a battery heater and below -40°F it requires a gearbox heater as well.



The optional chain routing under the sprocket for extra chain clearance for non-raised pad mounting

These unique engineering innovations backed by the safety and reliability of the most advanced control board in the industry ensure a smooth operation for any Platinum Access Systems' operator.

Specification	Data											
Speed Control:	This operator can control the speed on uphill downhill gate. It keeps the speed constant.	Dimension:	22" x 13" x 23" H									
Manual Release:	Back Drivable Optional Fail Safety	Main Power:	120/220 VAC Single Phase On/Off Switch Built-in 24V DC Battery Backup (7 ampHr 12V DC x 2)									
Gate Capacity:	Maximum Gate Weight 800 lbs. Maximum Gate Length 40ft. 12" per second											
Mechanical:	Gear Reducer Size 50	Compliance:	ETL Listed <b>UL325/UL991</b>									
Motor:	Brushless Continuous Duty Instant Reversing 24V DC	Warranty:	<table border="0"> <tr> <td></td> <td>Residential</td> <td>Commercial</td> </tr> <tr> <td>Brushless Motor:</td> <td>10yrs.</td> <td>8yrs.</td> </tr> <tr> <td>Parts:</td> <td>8yrs.</td> <td>6yrs.</td> </tr> </table>		Residential	Commercial	Brushless Motor:	10yrs.	8yrs.	Parts:	8yrs.	6yrs.
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### FEATURES AND BENEFITS:

- **Dynamic Speed Control – No speed variation when gate load changes and power switches between AC and battery. Slider works on slope without coasting.**
- **Automatic Learning With Self Sync – Automatically synchronizes gates with different travel times for primary/secondary gate installation.**
- **Solar Priority Power Supply – With a larger solar panel, the gate will run on the solar panel instead of the batteries when the sun light is sufficient, saving battery life.**
- **Soft Start and Soft Stop – Minimizes wear on the gate system that significantly helps the gate last longer.**
- **High Efficiency Brushless Motor – For smooth, high torque and maintenance free operation.**
- **Solid State Motor Drivers – For quiet and long lasting operation**
- **Advanced Maglock Control – Engage maglock before or after gate is closed. Maglock works at both gate open and close position.**
- **Dual Output Loop Detector Rack – Type “B” relays on loop detector can be used for additional features.**
- **Individual Alarm For Primary/Secondary Installation – Alarm sounds from individual operator, automatically indicates the obstructed gate.**
- **Motor Brake and Maglock Release by FIRE/KEY Input – Enables manual gate operation in emergency.**
- **One Controlled Power Supply Output for Photo Beam Detector – In solar installation, turns off PBD when the gate is closed to save battery life.**
- **High Capacity DC Back Up – Over 100 cycles on DC back up depending on models and gate sizes.**
- **Adjustable Leaf Delay – Delay on either leaf from the primary unit.**
- **Stackable Limit Switches – For additional features.**
- **Fail Safe/Secure Capability – Be able to set to fail secure, fail safe or open on power fail.**
- **Heavy Duty Chassis – Corrosion resistant powder coated chassis.**
- **BLGOC-2200 control board with input/output LED's.**
- **Electronic reversing sensor built into control board.**
- **Adjustable timer from 0-60 seconds.**
- **Surge protection.**
- **Alarm reset button.**
- **Weatherproof polyethylene.**

### PLATINUM ACCESS SYSTEMS, INC.

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