



PLATINUM ACCESS SYSTEMS, INC.

BLSW814

Heavy Duty Light Gate Swinger

The **BLSW814** 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.



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											
Manual Release:	Optional Fail Safety	Dimension:	15".5 x 17.5" x 24" H									
Gate Capacity:	Maximum Gate Weight 800 lbs. Maximum Gate Length 14ft. 12" per second	Main Power:	120/220 VAC Single Phase On/Off Switch Built-in 24V DC Battery Backup (7 ampHr 12V DC x 2)									
Mechanical:	Gear Reducer Size 60	Compliance:	ETL Listed UL325/UL991									
Motor:	Brushless Continuous Duty Instant Reversing 24V DC	Warranty:	<table border="0"> <tr> <td></td> <td style="text-align: right;">Residential</td> <td style="text-align: right;">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:

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|---|---|
| <ul style="list-style-type: none"> • 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. | <ul style="list-style-type: none"> • 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 clam shell cover. |
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1725 E. Grevillea Court, Ontario, CA 91761 I **Sales:** (909) 259-6005 I **Fax:** (909) 923-7890 I www.platinumasi.com
Technical Support (909) 259-6001 I **Email:** sales@platinumasi.com I techsupport@platinumasi.com