



PLATINUM ACCESS SYSTEMS, INC.

# BLSW2212

## Heavy Duty Commercial and Industrial Slider

The **BLSW2212** 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 the power source with the highest voltage for Operational Voltage. A 120/220VAC single phase main power source utilizes a step-down transformer 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											
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: Length: 1300 lbs. 20' 2200 lbs. 12' 90° Opening in 13-18 Seconds (Max @ 120°)											
Mechanical:	Gear Reducer Size 70	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-2000 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.**

### PLATINUM ACCESS SYSTEMS, INC.

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