

GLWD Family Barrier lift Gates

Commercial and Industrial Applications

The **GLWD family** are energy efficient, high speed, high cycle, Barrier Lift Gate operators for traffic management applications. The GLWD family are designed to operate up to 8,000 cycles/day. The gate arm can move from the horizontal to fully vertical position in 1.0 second. The powder coated 11 gauge sturdy steel case with lockable door provides security and all weather reliability, as well as smooth, exceptionally quiet and secure operation.

The GDI GearMotor in the Operator case is sealed and requires no maintenance. These powerful and fast gates are designed to operate in all weather conditions.

Applications

Traffic control areas including - Open air Parking lots, Underground parking, Mines, Government facilities, Public institutions.

Features

- Arm direction of movement and mounting on either side of the case is available
- Electronically set gate open and close limits - No mechanical switches – Arm stays **horizontal !!!**
- Fast open and close gate arm speeds independently set – Ultra quiet operation
- On site speed adjustment capability
- No maintenance GearMotor – Sealed stainless steel bearings, no belts, no limit switches or hydraulic cylinders to maintain
- No springs for load balancing
- One operator handles all AC voltage applications (115, 208, 230, 460, 575)
- Soft start/stop - Reduces mechanical stress on gate operator components
- Includes electro-mechanical holding brake, which can be disengaged to manually operate the gate
- Battery backup capability – Provides for operation even if AC power is lost or a brownout condition occurs
- UL/ULC listed
- UL325 compliant (optional)



Articulated arm and straight boom configurations



Operating in a master/slave configuration

Straight Arm Lengths

Model GLWD-	Max. arm Length (ft)	Time to open (seconds)	Articulated arm	Cycles/day	Notes
GL	10	1-6	Available	5,000	1
GB	14	1-6	Available	8,000	1
GM	18	1-6	No	8,000	2
GH	20	2.5-8	No	5,000	2

Note: 1 Aluminum arm (3" x 1" rectangular tube) is included
2 Arm purchased separately

Add-on features

Can be ordered any time for field upgrade

- Operational battery backup is provided by three 7 AH (36VDC) sealed batteries with Intelligent, internal battery charger

Available with operator order only

- UL-325 with NEMA 4 photo-eye
- Opto-Block™
- Thermostat controlled heater (115 – 575 VAC)
- Articulating arm

Power

- Brushless, DC, high reliability, high efficiency and low maintenance motor
- Each operator can be connected to any of the following AC voltages; 115, 208, 230, 460, 575VAC single/three phase, 50/60Hz – One operator for all voltages
- Battery power (Add on Feature)
- 24 VDC 1.5 Amp for external devices
- 24 VAC 1 Amp for external devices

GDI reserves the right to modify the contents without prior notification.

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Ver. 1.02