

EAGLE-100 - DC

SWING GATE OPERATOR

EAGLE RES-LITE COMMERCIAL

Gate Capacity Up to 18' & 600 lbs

Built in Battery Back-up



FIRE



EARTHQUAKE



LIGHTNING

Over 180 Cycles



**SOLAR
READY**



EAGLE-100-DC

Standard Features

- Solar Ready (Full Operation without AC Power)
- Global Inputs and Built-in Open/Close Delay
- On-board 3-Button Station
- Lightning & Surge Protection
- One Pass (No Tailgate)
- Motor Brake
- 24 VDC Output with Relay for MAG Lock
- 24 VDC Auxiliary Power Output
- Dry Contact Relay (NO/NC) for Accessories
- Stop-Reverse
- Auto-Close Timer (1-60 sec.)

Gate Capacity & Operation

- Maximum Gate: 600 lbs & 18 ft.
- 18 seconds (approx.) to open (0° - 90°)
- Rated Continuous Duty

Power Failure Operation

- Selectable Power Fail Open, Close or Continuous Operation
- Minimum 180 Cycles on Battery Backup
- Auto Power-Save Mode
- Quick-Release Lever (Manual Operation)

Mechanical

- Drive Chain: #50 Nickel Plated
- Gear Reducer: Size 60 & 40
- Cover: All Weather/UV Resistant (HDPE) with Locking Stainless Steel Access Panel
- Chassis: 3/16" Zinc Plated to Resist Corrosion
- Swing Arm with No-Pinch Design
- Auxiliary 120 VAC Outlet (AC Power Source Only)

Hardware

- No-Weld Swing Arm Assembly
- Audio Alarm
- Pre-Wired Receiver Terminal

Weight & Dimensions

- 27 1/2" (h) x 16" (w) x 18.5" (d)
- Shipping Weight: 190 lbs

Power

- Battery: Two 7 Ah
- 1/2 HP Instant Reversing 24 VDC Motor
- Power Input: 120/220 VAC or 24V Solar

Operating Classification

- Class I, II, III & IV

Warranty

- 5-Year Warranty
- Extended Warranty Available

Optional

- Solar Panel
- 9 Ah or 12 Ah Batteries (12 V)
- No-Weld Swing Arm Assembly for Uphill Installation

Specifications Subject to Change

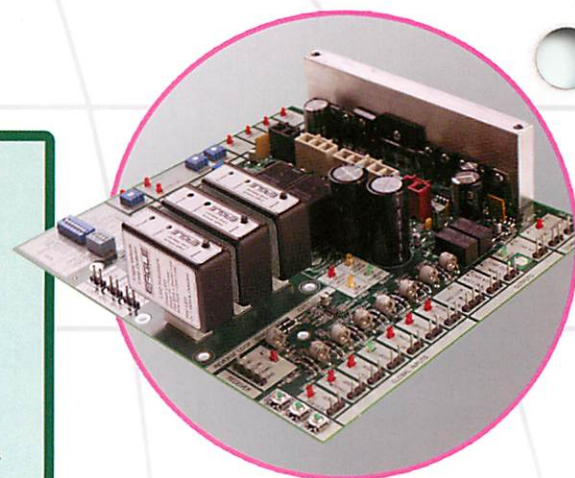
Model Number	Description	Gate Capacity
EAGLE-100-DC	1/2 HP 24 VDC Swing Gate Operator. Continuous Operation.	18' & 600 lbs



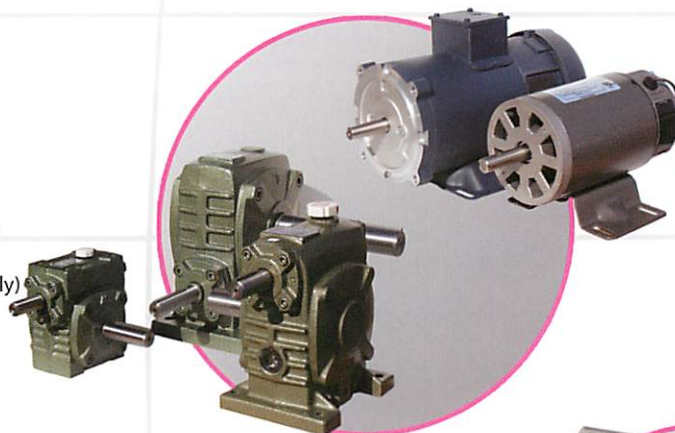
State of the art firmware manages power consumption so that smaller solar panels can be used.

In most cases, solar panel size can be reduce 50%.

Built-in voltage regulator & battery charger provide "plug 'n play" solar panel connection.



Eagle Diamond DC Control Board



Solar Panels with Mounting Bracket & Lead Wire

- 10 Watt (24 V); 16 3/4" x 17"
- 20 Watt (24V); 21 3/4" x 25"



**Battery Back-up
Over 180 Cycles
Without Power**

Rugged Durable Design

- 120 VAC, 220 VAC or 24 VDC (Solar)
- Heavy Duty Transmissions
- Powerful Motor (1/2 HP & 3/4 HP)

Eagle-100-DC Gate Operators for Swing Gates up to 18 ft. and 600 lbs

Enjoy worry-free operation even during complete power failure. The Eagle-100-DC is solar ready and comes standard with built-in batteries for full operation without any power input.

Great for applications where the power source is far from the gate or when you want to keep your gate operational 24/7 regardless of power supply. And the Eagle-100-DC is efficient, to conserve energy and provide maximum cycles during battery-only operation.

All Eagle Operators are built to last, backed by the Best-in-Class Warranty and equipped with the Diamond-DC Control Board; the most feature-packed control board for easy set-up and simple operation.

MADE IN THE USA

EAGLE ACCESS CONTROL SYSTEMS, INC.

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AVAILABLE AT: