



# 6005 VEHICULAR SWING GATE 24 VOLT DC ACTUATOR



• RESIDENTIAL • LIGHT COMMERCIAL



- Mounts directly on gate and gate-post – simplifying installation and eliminating the need for concrete pads
- Battery backup provides uninterrupted operation if primary (AC) power is lost
- 115 VAC or 24 VDC Solar powered control box options
- 2-Year Limited Warranty



Solar Powered Control Box



AC Powered Control Box



**solar powered**  
panel and battery options available



**keyed release**  
for manual operation



**overlap feature**  
for dual gates

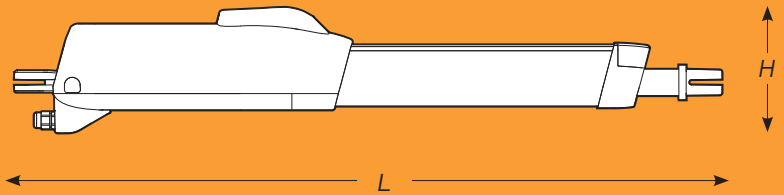


**fully enclosed**  
screw drive protects screw threads

# 6005 VEHICULAR SWING GATE ACTUATOR

## 6005

36.8" Retracted / 53" Extended L x 6.1" H x 4.2" D  
(935mm L x 155mm H x 107mm D)



	CLASS OF OPERATION	MAX GATE LENGTH *	MAX GATE WEIGHT *	MOTOR	BATTERIES	SOLAR PANEL	INPUT POWER
<b>Actuator</b>	I, II	14 Ft (4.27 m)	500 Lbs. (226.7 kg)	Continuous Duty DC motor	-	-	24 VDC
<b>AC Powered Control Box(s)</b>	-	-	-	-	Two (2) 3.5 Ah included	N / A	115 VAC
<b>Solar Powered Control Box</b>	-	-	-	-	Two (2) 18 Ah or 35 Ah	10 Watt (18 Ah batteries) 20 Watt (35 Ah batteries)	24 VDC

\* Assumes gate to be in good condition and swinging in a level plane.

## Technical Features

### Mechanical

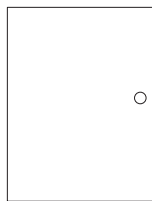
- Primary reduction: worm gear 1:27
- Speed: .63 inch/sec (1.6 cm/sec)
- Case: double painted aluminum
- Useable rod stroke: 15.75 inches (40cm)
- Fully enclosed piston prevents dust, dirt and other airborne corrosives from contaminating the screw threads
- Keyed release provided
- Fail-secure mechanical
- Control box enclosure rated NEMA 4X
- Protection Class IP54

### Electrical

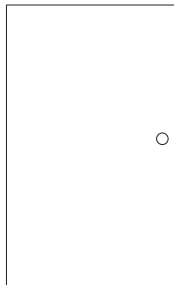
- Built-in battery charger
- 90° maximum gate opening
- Gate overlap feature for dual gate operation
- Magnetic lock power circuit (115 VAC Control Box only)
- Built-in reset and test buttons
- Maximum run timer
- Built-in high current warning
- 0.0 A SBPD Circuit (Pat Pend) (Solar Control Box only)

### Miscellaneous

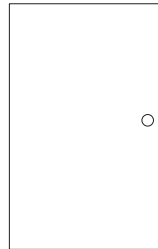
- Environmental: 32°F to 115°F (0°C to 46°C) \*
- \* The temperature range shown is for optimal battery performance. While these systems will operate beyond these limits, exceeding the temperature range will reduce battery efficiency and may cause permanent battery damage.
- Shipping Weights:
- Actuator: Approx 17.6 Lbs. (8 kg)
- Std Control Box: Approx 30 Lbs. (13.6 kg)
- Deluxe Control Box: Approx 40 Lbs. (18.14 kg)
- Solar Control Box w/18 Ah Batteries: Approx 60 Lbs (27.22 kg)
- Solar Control Box w/35 Ah batteries: Approx 90 Lbs (40.82 kg)
- Solar Control Box (No Batteries): Approx 30 Lbs (13.6 kg)
- Operator requires Type B1 or Type B2 entrapment protection devices with 10K resistive termination, otherwise the perator will not function



**Standard Control Box**  
12.5" W x 16.5" H x 4.25" D  
(318mm W x 419mm H x 108mm D)



**Deluxe Control Box**  
14.5" W x 24" H x 4.25" D  
(368mm W x 610mm H x 108mm D)



**Solar Control Box**  
13" W x 21" H x 8" D  
(330mm W x 533mm H x 203mm D)

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Access Control Solutions since 1948

MEMBER:



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