



6002 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
- Soft Start / Stop operation
- 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



simple and compact
installation - no concrete pads required



soft start/soft stop
provides smooth gate operation



fully enclosed
screw drive protects screw threads

6002 VEHICULAR SWING GATE ACTUATOR

6002

49.25" L x 3.75" H x 5.75" D (1251mm W x 95.3mm H x 146mm D)



	CLASS OF OPERATION	MAX GATE LENGTH *	MAX GATE WEIGHT *	MOTOR	BATTERIES	SOLAR PANEL	INPUT POWER
Actuator	I, II	14 Ft (4.3 m)	500 Lbs. (227 kg)	Continuous Duty DC motor	-	-	24 VDC
AC Powered Control Box(s)	-	-	-	-	Two (2) 3.5 Ah included	N / A	115 VAC
Solar Powered Control Box	-	-	-	-	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

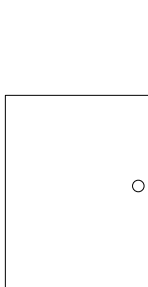
- Primary reduction: worm gear 1:27
- Speed: 90° in approximately 16 seconds
- Case: extruded aluminum
- Useable rod stroke: 14.75"
- Fully enclosed piston prevents dust, dirt and other airborne corrosives from contaminating the screw threads
- Keyed release provided
- Fail-secure mechanical
- Control box enclosure rated NEMA 4X Protection Class IP44

Electrical

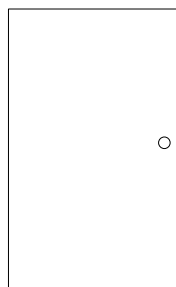
- Adjustable built in magnetic limit switches precisely control the start / stop speed, and travel of gate for smooth operation
- Built-in battery charger
- 110° maximum gate opening
- Gate overlap feature for dual gate operation
- Magnetic lock power circuit (115 VAC Control Box only)
- Built-in reset and test buttons
- Maximum run timer
- Built-in high current warning
- 0.0 A SBPD Circuit (Pat Pend) (Solar Control Box only)

Miscellaneous

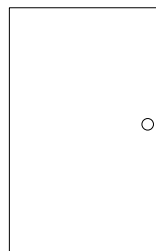
- Environmental: 32°F to 115°F (0°C to 46°C) *
- * The temperature range shown is for optimal battery performance. While these systems will operate beyond these limits, exceeding the temperature range will reduce battery efficiency and may cause permanent battery damage.
- Shipping Weights:
 - Actuator: Approx 25 Lbs. (11.3 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)
- External entrapment/obstruction sensing devices must be used with this operator



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)

Distributed by:

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MEMBER:



DOOR KING, INC.
120 Glasgow Avenue, Inglewood, California 90301 U.S.A.
Tel: 310-645-0023 FAX: 310-641-1586 www.doorking.com
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