



# 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



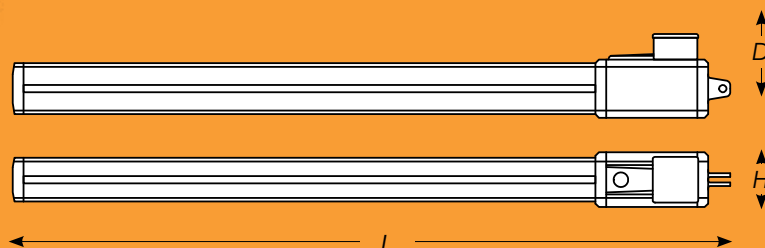
**fully enclosed**  
screw drive protects screw threads

ACCESS CONTROL **SOLUTIONS**

# 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
<b>Actuator</b>	I, II	14 Ft (4.3 m)	500 Lbs. (227 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

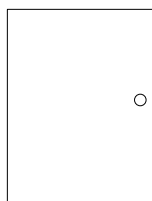
Primary reduction: worm gear 1:27  
Speed: 90° in approximately 16 seconds  
Case: extruded aluminum  
Useable rod stroke: 14.75"  
Fully enclosed piston prevents dust, dirt and other airborne corrosives from contaminating the screw threads  
Keyed release provided  
Fail-secure mechanical  
Control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

### Electrical

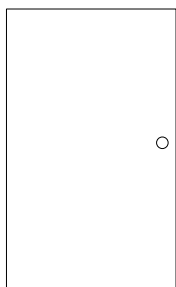
Adjustable built in magnetic limit switches precisely control the start / stop speed, and travel of gate for smooth operation  
Built-in battery charger  
110° maximum gate opening  
Gate overlap feature for dual gate operation  
Magnetic lock power circuit (115 VAC Control Box only)  
Built-in reset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

### Miscellaneous

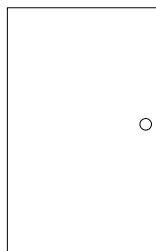
Environmental: 32°F to 115°F (0°C to 46°C) \*  
\* The temperature range shown is for optimal battery performance. While these systems will operate beyond these limits, exceeding the temperature range will reduce battery efficiency and may cause permanent battery damage.  
Shipping Weights:  
Actuator: 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:

**Lee Dan Communications, Inc.**  
[www.leedan.com](http://www.leedan.com)  
[info@leedan.com](mailto:info@leedan.com)  
Toll-Free 1-800-231-1414

Access Control Solutions since 1948

MEMBER:



**DOOR KING, INC.**

© 2012 All Rights Reserved. Product specifications may change without notice.  
Rev. 10/12