



# 6400 IN-GROUND SWING GATE 24 VOLT DC ACTUATOR



## THE UNSEEN GATE OPERATOR

- The 6400 installs in-ground making it virtually unseen and is designed for residential gates up to 8-feet long
- Battery backup provides uninterrupted operation if primary (AC) power is lost
- Includes Photo-cell for entrapment prevention
- 115 VAC or 24 VDC Solar powered control box options
- 2-Year Limited Warranty

## RESIDENTIAL



**Solar Powered**  
panel and battery options available



**Easy Access**  
with removable cover



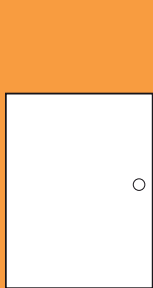
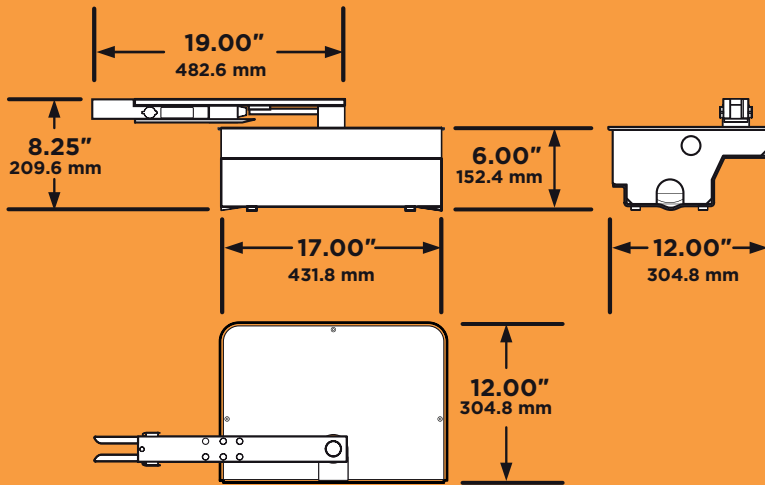
**Soft Start/Soft Stop**  
provides smooth gate operation



**Keyed**  
manual release

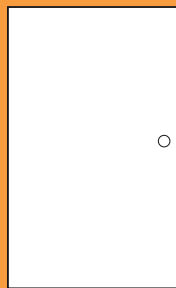


# 6400 IN-GROUND SWING GATE 24 VOLT DC ACTUATOR



**AC Standard Control Box**

12.5" W x 16.5" H x 4.25" D  
(318mm W x 419mm H x 108mm D)



**AC Deluxe Control Box**

14.5" W x 24" H x 4.25" D  
(368mm W x 610mm H x 108mm D)



**Solar Powered Control Box**

13" W x 21" H x 8" D  
(330mm W x 533mm H x 203mm D)

## 6400

	ACTUATOR	AC POWERED CONTROL BOX(S)	SOLAR POWERED CONTROL BOX
CLASS OF OPERATION	I	-	-
MAX WEIGHT AND GATE LENGTH*	300 lbs. (136 kg) / 8 ft. (2.44 m)	-	-
MOTOR	Continuous Duty DC motor	-	-
BATTERIES	-	Two (2) 3.5 Ah included	Two (2) 18 Ah or 35 Ah
SOLAR PANEL	-	N / A	10 Watt (18 Ah batteries) 20 Watt (35 Ah batteries)
INPUT POWER	24 VDC	115 VAC	24 VDC

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

## TECHNICAL FEATURES

### MECHANICAL

- Primary reduction: gear drive unit
- Speed: 90° in approximately 15 seconds
- Maximum Opening: 90°
- Motor/drive: die-cast aluminum with a special corrosion-proof treatment
- Cover: galvanized steel
- Foundation box: corrosion proof steel
- Fully enclosed drive mechanism
- Keyed release provided
- Fail-secure mechanical
- Control box enclosure rated NEMA 4X Protection Class IP54

### ELECTRICAL

- Adjustable built in limit switches precisely control the start / stop speed, and travel of gate for smooth operation
- Built-in battery charger
- 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 80 Lbs. (36.2 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 will not run without entrapment protection device(s) connected to the controller board.



## DoorKing® Inc.

Access Control Solutions since 1948



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