

6400 UNDERGROUND



VEHICULAR SWING GATE

24 Volt DC OPERATOR



easy access
with removable cover



control boxes
deluxe and standard electronic control board microprocessor based with advanced features



keyed
manual release



solar powered
options available



115 VAC Deluxe Control Box



115 VAC Standard Control Box



Solar Control Box Basic



Solar Control Box Single Gate



Solar Control Box Dual Gates

- The 6400 installs underground making it virtually unseen and is designed for residential gates up to 10-feet long
- The motor/drive mechanism is fully enclosed in die-cast aluminum with a corrosion proof treatment
- Operates on 24 VDC power with built-in battery backup
- Built-in limit switches precisely control the start/stop speed and travel of the gate
- Plug-in loop detectors simplify wiring and make installation easy
- Bi-parting gate system controlled from single board
- 115 VAC or 24 VDC Solar powered control box options
- 0.0 A SBPD Circuit (Pat. Pend)

FEATURES

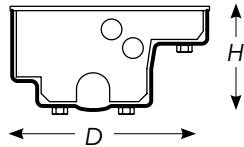
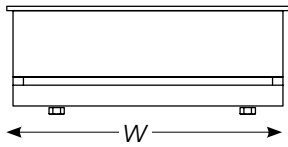
ACCESS CONTROL SOLUTIONS



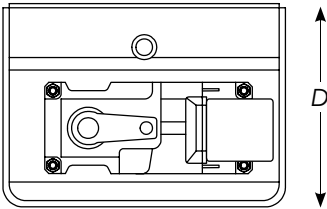


6400 UNDERGROUND SWING GATE OPERATOR

The Model 6400 installs underground making it virtually invisible and satisfies the most sophisticated automation needs without being detrimental to the original gate design. Invisible and powerful, the motor/drive mechanism is constructed in die-cast aluminum with a special corrosion-proof treatment, and because the drive unit is gear driven, there is no need to worry about hydraulic leaks, check valves or pumps. The underground self-supporting foundation box is built from corrosion-proof steel and has a galvanized steel cover. A lockable manual release lever is designed so that it can be operated from inside or outside the gate.



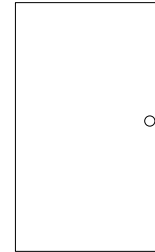
6400 Underground
 17.2" W x 6.4" H x 12.4" D
 (436.8mm W x 162.5mm H x 315mm D)



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)

6400 Specs

Class of operation	Max Gate Length *	Max Gate Weight *	HP
I	10 Ft 3.05 m	300 Lbs. 136 kg	1/2hp 10 cycles/hr limited duty

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

Standard & Deluxe Control Box
 120 VAC Input power,
 24 VDC Output to actuator
 Two (2) 3.5 Ah batteries provided for backup

Solar Control Box
 24 VDC Input and output power
 Single gate control box has two (2) 18 Ah batteries
 Dual gate control box has two (2) 35 Ah batteries
 (Note: dual gate control box can also be used to power a single actuator)

Solar Panel
 24 Volt, 10 Watt panel
 One (1) required for control box with 18 Ah batteries
 two (2) required for control box with 35 Ah batteries

General Specs

Mechanical

- Primary Reduction: gear drive unit
- Speed: Approximately 90° in 15 seconds
110° maximum gate opening
- Motor/drive: die-cast aluminum with a special corrosion-proof treatment
- Cover: galvanized steel
- Foundation box: corrosion proof steel

Manual Release

- Keyed release provided
- Fail-secure mechanical

Safety

External obstruction sensing devices must be used with this operator

Safety Standards

- Complies with the UL 325 and UL 991 safety standards
- ETL listed

Advanced Features

- Fully enclosed drive mechanism
- Adjustable built in limit switches precisely control the start / stop speed, and travel of gate for smooth operation
- Built-in battery charger
- Ports for Exit and Reverse plug-in loop detectors
- 90° in approximately 15 seconds
- 110° maximum gate opening
- Gate overlap feature for dual gate operation
- Magnetic lock power circuit
- Built-in reset and test buttons
- Maximum run timer
- Built-in high current warning
- 0.0 A SBPD Circuit (Pat Pend)

Operating Temp

- 32°F to 145°F
- 0°C to 62°C

Shipping Weight

- 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 Sgl: Approx 60 Lbs (27.22 kg)
- Solar Control Box Dual: Approx 90 Lbs (40.82 kg)
- Solar Control Box Basic (No Batteries):
Approx 30 Lbs (13.6 kg)

Warranty

2-year limited factory warranty

Distributed by:

DOORKING®, 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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