

6004 COLUMN MOUNT



SWING GATE 24 Volt DC OPERATOR



reliability

in a compact and simple to install design



115 VAC Deluxe Control Box



115 VAC Standard Control Box



smooth operation

no slamming when gate closes



overlap for dual gates



Solar Control Box Basic



Solar Control Box Single Gate



Solar Control Box Dual Gates



solar powered

options available

- Ideal for gates mounted on large columns
- For gates up to 8 feet
- Adjustable limit switches
- Slow start / slow stop
- Overlap feature for bi-parting (dual) gate applications
- Motors operate on low voltage (24 VDC)
- Batteries included
- Built-in battery charger
- Magnetic lock output
- Ports for plug-in open and reverse loop detectors (DKS loop detectors only)
- Keyed release for manual operation
- 115 VAC or 24 VDC Solar powered control box options
- 0.0 A SBPD Circuit (Pat Pend)

FEATURES

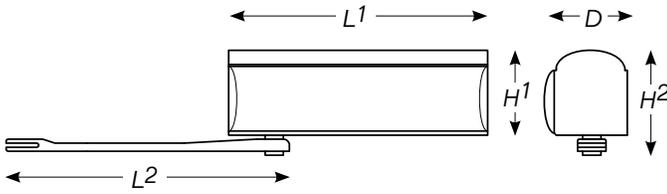
ACCESS CONTROL SOLUTIONS





6004 COLUMN MOUNT SWING GATE OPERATOR

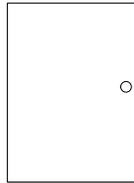
The Model 6004 is ideal to operate swing gates that are mounted on large columns. The 6004 mounts directly on the column and simplifies installation by eliminating the need to cut niches on the column and there is no need for concrete pads. Using a strong screw drive system, there is no need to worry about hydraulic leaks, check valves or pumps. The 6004 features a keyed release system that allows the gate to be moved by hand if a system failure should occur.



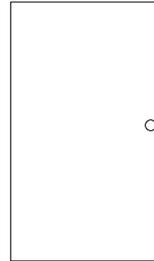
6004 Operator

$L^1 = 16"$ $L^2 = 17.5"$
 $H^1 = 5.25"$ $H^2 = 6.5"$
 $D = 5.13"$

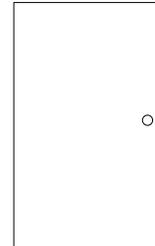
$L^1 = 40.6\text{cm}$ $L^2 = 44.5\text{cm}$
 $H^1 = 13.3\text{cm}$ $H^2 = 16.5\text{cm}$
 $D = 13.03\text{cm}$



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)

6004 Specs

Class of operation	Max Gate Length *	Max Gate Weight *
I	8 Ft 2.44 m	300 Lbs. 136 kg

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

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

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

Speed: 90° in approximately 18 seconds
 Case: extruded aluminum

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

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 12 seconds
 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 20-25 lbs (9-11.3 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:

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