Access control solutions since 1948

Distributor:
MEMBER:

Vehicle AC & DC swing gate operators

AC & DC Powered Gate Operators

Safety and Reliability Systems

DKS Fail-Safe: 6050/6100/6300

DKS Takes Safety a Few Steps Further:
All DKS swing gate operators are equipped with Fail-Safe controls that meet or exceed UL325 safety standards. Each operator is evaluated under a wide operating environment where validated compliance with the required entrapment protection devices.

Accessories:

Entrapment Prevention Devices

PHOTO-EYES:
- Photo-reflective beams have a scan distance up to 45 ft. (14m)
- Includes reflector and mounting bracket
- Thru-beam photocells have a scan distance up to 100 ft. (30.48m)
- Separate sender and receiver
- Hooded metal enclosure
- Infrared beam
- Reversing edges
- A variety of edge styles for different gates
- Mounting channels included

Loop Detectors
Plug-in detectors (DKs only) and hard wired detectors. Single and dual channel. Pre-fabricated loops available or form your own loops.

Counterc-balance & Ball Joint Pivot Assemblies
Helpful to balance gates that swing in an uneven plane.

Uphill Counter-balance & Ball Joint Pivot Assemblies

Whole System Power Backup
The Model 1000 power inverter provides backup power for gate operations during a power outage. The 1000 power inverter provides a complete backup system for your swing gate operators and accessories.

Reliability You Can Trust

The 6500 series has a solid steel frame and belt driven gear box, making this operator one of the quietest on the market today. The electronic magnetic limits will never wear out or break and they are easily adjusted. Unique breakaway hub design prevents gear box damage if the gate is struck. Two-piece Polyurethane housing makes installation and adjustments easy.

DoorKing U.S.A.

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Jackson, MS
Charlotte, NC
Houston, TX
San Diego, CA
Los Angeles, CA

DoorKing Canada

Toronto, ON

Lock Boxes
Provide exit access and panic access through deadbolt locks. The 6500 lock boxes are available in emergency or pendant versions.

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Regional Sales Manager Locations

DOORING AC & DC SWING GATE OPERATORS

VEHICULAR AC & DC SWING GATE OPERATORS

Residential • Apartment/College Residence Halls • Gated Communities Mixed Use Buildings • Commercial/Industrial • Parking • Self Storage

Access Control Solutions
DC Swing Gate Operator Battery Back-up and Solar Power

The DKS 6500 Swing Gate Operator is designed for solar-power and battery-back up operation without having to sacrifice performance or durability. Solar Power is critical, as they keep running when A.C. Power is unavailable and allows you to add your own solar system without costly and time consuming field modifications.

This swing gate operator offers convenience, reliability and safety - built-in mechanical and electronic safety features prevent gear box damage if the gate is struck. Swing gate operators are easy to install and require little maintenance.

6500 / 6550 / 6524

6524 / For gates up to 16 ft. (4.8m) / 800 lbs (362kg)

6500 / For gates for up to 25 ft. (7.6m) / 2000 lbs (909kg)

6050 / 6100 / 6300

For gates up to 22 ft. (6.7m) / 800 lbs (362kg)

SWING GATE OPERATORS

BATTERY BACK-UP AC / DC AND SOLAR POWER OPERATION

VEHICULAR AC & DC

SPECS

SPECS

ALL MODELS

Electrical

• Auto-close timer (1-20 seconds)
• Microprocessor control board
• Single connection for secondary operator in bi-parting gate systems
• Built-in power and alarm reset switches
• Selectable switches / reverse loop-function
• Magnetic lock power
• Ports for plug-in spot and reverse loop-detectors
• DC plug-in detectors only
• 120 VAC convenience outlets for accessory transformers (on the A.C. powered version)
• Gate Tracker reporting output provides operator data to processor control board (6050, 6500, 1837 or 1838 only)

Mechanical

• Operates and weather proof design
• Primary drive is provided by a pulley / belt driving a worm gear reduction system
• Rotates the gear 90° in approximately:
  - 6524: 12 - 14 seconds
  - 6550: 12 - 18 seconds
  - 6050 & 6500: 16 - 18 seconds
• DC/Solar 6524: 3-5 seconds
• Dual alternating arms for smooth gate operation
• Keyed access is provided for remote manual gate operation in the event of a power outage
• Overlap feature for bi-parting dual gates
• Built-in lock power
• Solar power ready with 0.0 Amp circuit (solar panel power only)
• Includes set of 72 AA batteries, solar kit includes set of 604-12 batteries and 10 Watt, 24 VDC solar panel
• With back-up power, up to 150 gate cycles with optional AA batteries

6534 MODELS

• Operator is in 24 Volt DC and includes built-in battery backup
• HS/300Vac (switch selectable) or 24 VDC Solar Power
• 1/2 HP Quadra Drive Heavy-duty DC motor
• Split polyurethane housing allows easy access to internal components and protects from weather elements
• Provides operator data to processor control board
• Includes built-in lock power
• Includes built-in mechanical and electronic safety features prevent gear box damage if the gate is struck.

BATTERY BACK-UP AC / DC

SOMETHING TO REMEMBER

Low Visibility Gate Operators

The unique design of the 6500s series operator allows easy gate travel with bi-directional gear box which aligns the hinge axis to the face of the gate and allows gate to swing out of the way of the roadway.

This is evidenced in how gates go in or allow for a more aesthetically pleasing attachment to the gate without sacrificing performance or durability.

And they can be either pad or post mounted without costly and time consuming field modifications.

DC/Solar 6524

Compact, weatherproof, and maintenance-free for use in bi-parting gates or as 1/2 HP Gate operator. Available in either solar or 120/240VAC. Available in 1/2 or 1 HP. Designed for Gates up to 18 Feet.

Mounting

Can be used as bi-parting dual gate motor. Comes with separate control board. Designer friendly fail-safe design. Uses a 12VDC electrically operated power box to control gate speed and direction.