SWING GATE POWER OPTIONS

RESIDENTIAL - LIGHT COMMERCIAL

115 Volt AC Power Control Boxes

**Details:**
- 115 VAC to 24 VDC operating voltage
- Built-in battery charger
- Magnetic link power circuit
- Includes two (2) 7.5 AH backup batteries (800 cycles)
- Deluxe control box includes three (3) 115 VAC convenience outlets

Solar Powered Control Boxes and Panels

Choosing the solar panel options should be dependent on geographical location, number of cycles per day, and available space on the gate. Solar panels must be located in an area clear of obstructions and shaded to allow maximum sunlight to reach the panel. Snow, heavy fog, and rain will affect solar panel performance. Solar operator is not recommended in areas where temperature reaches 100°F below freezing (37°F or 2°F). Solar panels should be cleaned on a regular basis to ensure optimal performance.

24 VDC Solar Panel Powering Costs

**SOLAR PANEL DETAILS:**
- Ideal for remote locations where 115 VAC power is not available
- 24 volt technology can provide power to areas beyond 115 volt lines
- Solar panel increases battery power
- 18 VAC and 115 VAC battery options — no supply your own batteries

SOLAR PANEL DETAILS:
- 300 watt solar panel (800 cycles) are typically used to power a single operator.
- 350 watt solar panel (800 cycles) are used for 2000 cycle dual operators.
- 450 watt solar panel (3000 cycles) are used for 2000 cycle dual operators.
- 550 watt solar panel (3000 cycles) are used for 2000 cycle dual operators.
- 1000 watt solar panel (12000 cycles) are used for 2000 cycle dual operators.
- Panels are sized to ensure maximum output with minimal battery storage requirements.

VEHICULAR DC SWING GATE OPERATORS

Distributed by:

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Residential - Light Commercial
**Mechanical**
- 6003 and 6005 drive screws are completely enclosed, securing gear box, gear, and the cabinet components from contaminating screw threads.
- Rail win is approximately 15 seconds for 6003 and 6004; 20 seconds for 6004 and 6005.
- Hookes provide on all models.

**6003 and 6005 install directly to the gate and gear box and include mounting the need for extension posts or foundations.

**ENTRAPMENT PREVENTION DEVICES**

**Photo-eyes**
- Photo-electric beams have a clear distance up to 45 ft. (14m).
- Includes reflector and mounting bus kit.
- Minimum photocell has a clear distance up to 40 ft. (12m).
- Separate sensor with no connection required.
- Headed metal minimum.
- 300a beam.

**Accessories**

**Reversing edges**
- A variety of edge styles for different gates.
- Mounting hardware included.
- 2 wire edges can be hard wired.

**Loop Detectors**
- Loop detector (110 VAC control box only) and hard wired detectors.
- Single and dual channel.
- Single is a one way only, and dual is a two way.

**Magnetic Locks** (110 VAC control box only)
- Do not need power to operate.
- DKS offers Magnetic Locks for securing sliding gates from unwanted entry with 3000 pounds of holding force. With outputs built into the chosen Swing gates operator, it is easy to install DKS Magnetic Locks to your gate access system.

**Key Features**

- **Compact design for gates up to 10' (3.0m)**
- **Ideal for residential applications**
- **Fully enclosed screw drive for added safety and reliability**

- **Moves gates up to 14' (4.27m) with a powerful screw drive system**
- **Ideal for forming, residential, and commercial applications**
- **Rugged enclosed screw drive for added safety and reliability**

- **Strength gear reduction system in a small, compact design**
- **Ideal for residential gates up to 8‘ (2.4m)**
- **Smooth operation is great for closing overlapping dual gates**

- **Virtually invisible, a perfect match for high end designer gates**
- **Ideal for residential applications**
- **Simplified automation added without detracting from the original design goal.**

**6003**
- Vehicular Swing Gate 24-Volt DC Actuator

**6005**
- Vehicular Swing Gate 24-Volt DC Actuator

**6004**
- Column Mounted Low Voltage Compact Design Gates Up To 14’ (4.27m)

**6400**
- Column Mounted Low Voltage Low Profile Gates Up To 8’ (2.4m)

**6405**
- Vehicular Swing Gate 24-Volt DC Operator

**DKS SWING GATE OPERATORS**
- **COMPACT**
- **RELIABLE**
- **EASY TO INSTALL**
- **SAFE**
- **QUIET**
- **CUSTOMIZABLE**
- **CORROSION-PROOF**
- **GEAR DRIVEN**
- **FULLY ENCLOSED**
- **ADJUSTABLE**
- **BI-PARTING**
- **LOW VOLTAGE**
- **BUILT IN BACK-UP**
SWING GATE POWER OPTIONS
RESIDENTIAL - LIGHT COMMERCIAL

115 Volt AC Power Control Boxes

Solar Powered Control Boxes and Panels:
- 24VDC Solar Powering Options: 30A battery powers the panel.
- 18 Volt SMPS output for low voltage systems.
- Dusk to dawn operation.
- Standard and custom models available.
- Maximum of 350W of solar power.

Contact: Solar Panel Wire Kit

Details:
- 18 Volt SMPS output for low voltage systems.
- Dusk to dawn operation.
- Standard and custom models available.
- Maximum of 350W of solar power.

24VDC SWING GATE OPERATORS

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Solar Control Box

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Distribution:

VEHICULAR DC SWING GATE OPERATORS

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SWING GATE POWER OPTIONS

RESIDENTIAL - LIGHT COMMERCIAL

115 Volt AC Power Control Boxes

DETAILS:
- Externally 16 VAC to 24 VDC operating voltage
- Built-in battery charger
- Magnetic break power circuit
- Includes two (2) 5.5 Ah lead-acid batteries (500 cycles*)
- Detachable control box includes two (2) 15 VAC connection sockets

Solar Powered Control Boxes and Panels

Choosing the solar panels should be dependent on geographical location, number of cycles per day, sunlight availability, and accessibility to the power source. Solar panels must be located in an area clear of obstructions and shaded to allow maximum sunlight to reach the panel. Snow, heavy fog, and rain will affect solar panel performance.

Solar power is not recommended in areas where temperature reaches 70 degrees F or 71 degrees F. Solar panels should be cleaned on a regular basis to ensure optimal performance.

24 VDC SOLAR POWERED CONTROL BOXES ORDERED DETAILS:
- Desks for remote locations where 115 VAC power is not available
- 24 VDC SMPS with built-in battery back-up to extend use times
- Solar panel increases battery power
- 18 VA and 150 VA battery options – no supply your own batteries

SOLAR PANEL DETAILS:
- 30 Ah battery (500 cycles*) are typically used to power a single operator.
- 50 Ah batteries (1000 cycles) are used for 3 (holding) dual gates
- Use 80 Watt solar panel with 120 Ah battery
- Use the 100 W solar panel with 220 Ah batteries
- Use a larger solar panel with 320 Ah batteries will result in battery coverage

*Maximum cycles in battery operation. Cycles shown are for a single door operator. For dual door use, double the cycle life to 100. Must be used on single or dual gate applications. Single, enclosed, commercial gate weight, operating condition of the plus temperature and range cycle life for solar panel.

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