

COMMERCIAL

SwingSmart DC™



Residential/Commercial

HySecurity Advanced Technology for Commercial and Residential Customers

HySecurity's operators secure the world's critical infrastructure and key assets where ultimate reliability is vital. Places like the Pentagon, international airports and nuclear power plants.

SwingSmart DC delivers that same uncompromising quality to commercial and residential customers, where ease of use, elegant operation, low maintenance and high reliability are expected.



Visit www.hysecurity.com

For specifications, tech support, pictures and email subscriptions



Operates after power loss - Standard feature! Uninterruptible battery power provides up to 300 gate cycles after AC loss. SwingSmart can also power your access control and safety devices.



Program your gate to run your way. 30+ easy to program menu options including photo eye and detector logic, fail secure or fail open, and many valuable functional and security alert options.



Choose your speed. Independently adjustable open and close speeds from a fast 10 seconds to 15 seconds. Dual gates automatically synchronize to open and close in flawless perfection.



Power and finesse. High torque DC motor and microprocessor controlled acceleration and deceleration combine to reliably handle gates up to 20 ft or 1,300 lbs. Extra power to overcome wind resistance.



Solar power or low voltage. Too far from AC power? With adequate sun, pair SwingSmart DCS (Solar) with solar panels or use our low voltage kit to eliminate expensive deep trenching.



Eliminate costly, energy-hog heater. Wide temperature rating from below freezing -13F to scorching 158F means SwingSmart works when others die.

HySecurity
Simple. Reliable. Secure.®

At a remarkably affordable price

Call HySecurity for an operator/parts distributor near you at 800-321-9947

Highest Customer Satisfaction

Elegant Reliability

See the latest from HySecurity at www.hysecurity.com

Distributed by:

CLAM SHELL COVER:

Attractive, tight fitting, key-locked, fade resistant, rotomolded, easy to remove.

PINCH REDUCTION ARM: Tubular, with elbow cover.

MANUAL OVERRIDE: Patent-pending manual override and torque limiting clamp (to reduce operator damage if gate is hit).

SMART DC CONTROLLER: Ultimate protection against lightning strikes and power surges. Energy efficient and solar ready.

LCD SCREEN: Easily program and troubleshoot operator using 5 on-board buttons and 32 character LCD.

24V-UPS: Two 8 Ah batteries std. (located behind control box) or room for 2 extended backup 50 Ah batteries.

CHASSIS: 1/4-inch, heavy duty, low flex and corrosion resistant with large, easy access conduit opening.

COMPUTER INTERFACE (S.T.A.R.T.) FOR SETUP AND DIAGNOSTICS


Smart DC Controller reports many faults and conditions including:

- Open or close limit reached
- Tailgating
- Vehicle detector or loop malfunction
- Loitering
- Gate forced open
- AC power loss

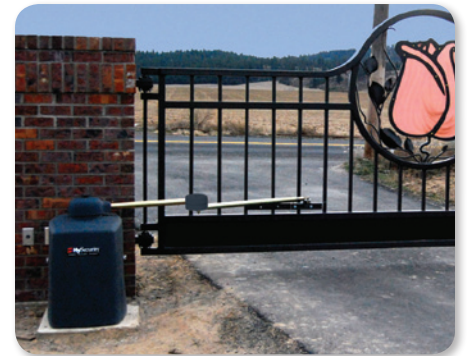


Smart Touch Analyze and Retrieve Tool allows users to upload latest operator software, download fault logs, generate diagnostics, and program the operator using a laptop.

SwingSmart DC™ Models

Model	SwingSmart DC 20	 Solar Model SwingSmart DCS 20
Gate Size	1,300 lb (590 kg) for 12 ft (4 m) gate 800 lb (363 kg) for a 16 ft (5 m) gate 600 lb (272 kg) for a 20 ft (6 m) gate	1,300 lb (590 kg) for 12 ft (4 m) gate 800 lb (363 kg) for a 16 ft (5 m) gate 600 lb (272 kg) for a 20 ft (6 m) gate
Open/Close Time	Adjustable 10 to 15 seconds Open/Close time set independently	Adjustable 10 to 15 seconds Open/Close time set independently
Duty Cycle	Continuous	Continuous
Horsepower	1/2 hp	1/2 hp
Standard Battery Backup Cycles*	Up to 300 cycles after AC power loss	N/A
Extended Battery Backup Cycles*	Up to 1,200 cycles after AC power loss	N/A
Temp. Rating	-13°F to 158°F (-25°C to 70°C)	-13°F to 158°F (-25°C to 70°C)
Certification	500,000 cycles	500,000 cycles
Voltage Input	115V or 230V, 50/60 Hz Call for 208V 50/60 Hz	24V solar panels
Accessory Power	12VDC and 24VDC and 24VAC 1 A each	12VDC and 24VDC 1 A each
Communication	USB, RS-232, RS-485, Ethernet option	USB, RS-232, RS-485, Ethernet option
UL 325 Listing	Usage Class I, II, III, IV	Usage Class I, II, III, IV
Warranty	5 year (7 year single-family residential)	5 year (7 year single-family residential)

*SwingSmart DC is exceptionally energy efficient, however actual battery backed up cycles will depend on gate resistance to travel, cycle length, battery longevity, ambient temperature, accessories drawing battery power and frequency of gate cycles during power outage.



OPTIONAL ACCESSORIES: HY-5A intelligent vehicle detectors, extended battery backup, solar model. Compatible with most available access control, safety, vehicle detection and many other accessories.

SYSTEM SUPPORT: Contact HySecurity for CAD drawings, installation information, tech manuals, help with specialty site requirements or other support. Visit hysecurity.com or call to speak with a HySecurity representative today.



Call HySecurity for an operator/parts distributor near you.
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