

# SwingSmart DC™



Swing Gate Operator

## Residential/Commercial swing gate operator Quick and easy install and low maintenance



- 300 cycles after AC power loss on standard batteries
- Exceptional 1,200 cycles after AC power loss on extended batteries
- Moves 1,300 lb gate leaf with ease
- SmartSync™ synchronizes dual gates automatically for life of operators
- Independent, field-adjustable open and close speeds
- Dual gate or sequenced gate integration
- Intelligent charging system, monitors battery condition to maximize battery life
- Easy system troubleshooting with online events log
- Real time system security alerts with optional HyNet™ Gateway
- Solar ready
- 5 year warranty / 7 year single-family

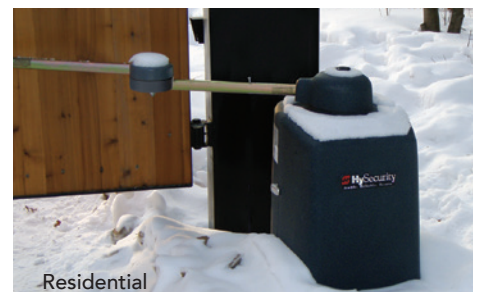
**SwingSmart DC 20**  
**SwingSmart DCS 20 (solar)**  
1,300 lb gates (590 kg)  
Open/Close time set independently – Adjustable  
10 to 15 seconds



Solar, Commercial



HOA



Residential


# Residential and Commercial

HySecurity operators secure the world's critical infrastructure and key assets where ultimate reliability is vital. **SwingSmart DC** delivers that same uncompromising quality to commercial customers, where ease of use, consistent operation, low maintenance, long life and high reliability is expected.



Swing Gate Operator

## SwingSmart DC™ Model

Standard	<b>SwingSmart DC 20</b>
Solar 	<b>SwingSmart DCS 20</b>
Gate Specs	1,300 lb (590 kg) for 12 ft (4 m) leaf 800 lb (363 kg) for a 16 ft (5 m) leaf 600 lb (272 kg) for a 20 ft (6 m) leaf
Open/Close Time	Open/Close time set independently. Adjustable 10 to 15 seconds.
Duty Cycle	Continuous
Horsepower	1/2 hp
Drive	Electromechanical
UPS Standard Battery Backup Cycles*	Two 12V 8Ah batteries. Up to 300 cycles after AC power loss. Field configurable to fail open or secure when batteries deplete.
UPS Extended Battery Backup Cycles*	Two 12V 50Ah batteries. Up to 1,200 cycles after AC power loss. Field configurable to fail open or secure when batteries deplete.
Temperature Rating	-13° to 158° F (-25° to 70° C) No heater necessary
Voltage Input	115V or 208-230V, 50/60Hz Solar: 24 VDC solar panels**
Accessory Power	12VDC and 24VDC 1A each
Communication	USB or RS-232, RS-485, Ethernet/fiber using optional HyNet™ Gateway accessory
User Controls	Smart DC Controller with 70+ configurable settings. 32 character LCD display and 5 tact buttons or a PC using S.T.A.R.T. software.
Relays	Two configurable user relays: 30VDC, 3A solid state and 250VAC, 10A electromechanical; Optional Hy8Relay™ for 8 additional relay outputs
Finish	Zinc plated chassis; polyethylene clam shell cover
ETL Listed (UL 325)	Usage Class I, II, III, IV
Cycle Tested	500,000 cycles
Warranty	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 health, ambient temperature, accessory power draw and frequency of gate cycles during power outage.

\*\*Solar panels not supplied by HySecurity

To enable fully automatic operation, this gate operator requires a **MINIMUM** of one external entrapment protection sensor to monitor potential entrapment zones in either the open or close direction of travel. Visit [www.hysecurity.com/gatesafety](http://www.hysecurity.com/gatesafety) for more information on UL 325 standards and gate safety.

### OPTIONAL ACCESSORIES:

- Hy5A intelligent vehicle detectors
- Photo eye (retroreflective photo eye included with operator)
- Hy8Relay™ - extended relay module provides eight additional programmable relay outputs
- HyNet™ Gateway for communicating gate system and accessory status in real time via Ethernet/fiber
- Extended backup batteries

**SYSTEM DESIGN SUPPORT:** Contact HySecurity for CAD drawings, tech manuals, help with custom site requirements or other specifications support. Download operator specifications online at [www.hysecurity.com](http://www.hysecurity.com) or call to speak with a HySecurity representative today.

**VISIT [WWW.HYSECURITY.COM](http://WWW.HYSECURITY.COM)** for specifications, installation manuals, wiring diagrams, parts diagrams, image gallery, videos, training and much more.

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