

# Commercial

# SwingSmart DC™



## Swing Gate Operator

### Quick and easy install

Long life swing gate operator with best in class controller and battery backup.



Move up to 1,300 lb gate leaf



Intelligent charging system, monitors battery condition to maximize battery life



SmartSync™ synchronizes dual gates automatically for life of operators



Easy system troubleshooting with onboard event log



Keep your gate moving after power loss: 300 cycles/standard batteries and 1,200 cycles extended batteries



Independent, field-adjustable open and close speeds



Field programmable to specific site requirements



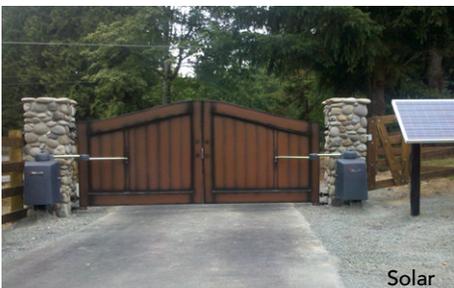
5 year warranty  
7 year single-family



Real time system security alerts with optional HyNet™ Gateway



**PREMIUM Photo Eye\***  
& hardware included  
\*Through Beam



**SYSTEM DESIGN SUPPORT:** Contact Nice | HySecurity for help with custom site requirements, CAD drawings, tech manuals or other specifications support.

**VISIT HYSECURITY.COM** for installation manuals, parts diagrams, wiring diagrams, specifications, image gallery, videos, training and much more.



hysecurity.com | 800-321-9947

Manufacturer of rural/ranch, residential, commercial and parking gate operators and accessories.



# Residential and Commercial



Swing Gate Operator

## 2 SwingSmart™ DC Models, AC or Solar

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
Drive	Electromechanical
Horsepower	1/2 hp
UPS Battery Backup Cycles*	Field configurable to fail open or secure when batteries deplete. Standard battery backup gate cycles: Two 12V 8Ah batteries. Up to 300 cycles after AC power loss. Extended battery backup gate cycles: Two 12V 50Ah batteries. Up to 1,200 cycles after AC power loss.
Temperature Rating	-13° to 158° F (-25° to 70° C)
Operating Voltage	24VDC
Input Voltage	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) w/product registration

\* The actual number of gate cycles available from battery depends upon gate resistance to travel, cycle length, battery size, state of charge and health, ambient temperature, accessory power draw and frequency of gate cycles during power outage.

To enable fully automatic operation, all SWING gate operators require a minimum of ONE monitored external entrapment protection sensor to protect entrapment zones in either the open or close direction of travel. However, an additional monitored sensor is required if there is a risk of entrapment in both directions of gate travel. Visit [hysecurity.com/gatesafety](http://hysecurity.com/gatesafety) for more information on UL 325 standards and gate safety.

### Optional Accessories - See website for complete list



Hy5B™ Vehicle Detector



Hy8Relay™ Module



HyNet™ Gateway Integration



Photo Eye Kits



Radio Receivers & Transmitters



ASO Edge Sensors



Contact Nice | HySecurity for an operator/parts distributor near you.  
phone 253-867-3700 | 800-321-9947  
[hysecurity.com](http://hysecurity.com) | [sales@hysecurity.com](mailto:sales@hysecurity.com)



D0540 020420