

PARKING

Hy WedgeSmart™



Wedge Barrier Arm Operator

Ultra Reliable/Low maintenance • Engineered for Millions of cycles • UPS standard

HySecurity® surface mount parking wedge



Protect your assets - Crash-engineered FS30 stops a full size sedan traveling at 30 mph

Surface mount – Easy, quick installation

Highly visible integrated lighted barrier arm and wedge

UPS backup and Solar ready. Operates for over 150 cycles after AC power loss.*

Easy to configure. Design operation to highly specific site needs

Straight or articulated arm

Four lane widths



* Actual UPS cycles depend on accessory power draw, frequency of cycles, battery health, ambient temperature and other conditions.



HySecurity®
Simple. Reliable. Secure.®

1-800-321-9947 • www.hysecurity.com

Highest Customer Satisfaction

Smart Wedge

Distributed by:



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

For easy integration into parking systems, HySecurity offers a number of parking related relay options including a Hy8Relay™ which adds eight user relays to the Smart DC Controller.

HySecurity strives for simplicity. Easy to install. Easy to configure. Easy to maintain. Easy to troubleshoot and repair. Your WedgeSmart DC crash-rated wedge is built to last.

TROUBLESHOOT AND PROGRAM USING SMART DC CONTROLLER AND S.T.A.R.T. (Smart Touch Analyze & Retrieve Tool)

- Simplifies installation
- Configures gate operation to exact user needs quickly and easily
- Communicates in real time and stores faults in a date and time stamped log
- Simple, quick and inexpensive troubleshooting



Easily configure the operator with 5 tact buttons and a 32 character display. Faults flash on the display accompanied by an audio sequence which alerts owner. For the ultimate in security, faults can also be communicated in real time to the command and control network system. The 300 event fault log can be downloaded to a laptop computer to easily troubleshoot random events that appeared days in the past.

WedgeSmart DC™ Models

Standard	WedgeSmart DC
Solar	WedgeSmart DCS
Crash-Engineered	ASTM F2656 SC40: Small Car, 2,430 lb @ 40 mph (1.1 MT @ 64 km/h) ASTM F2656 FS30: Full Size Sedan, 4,630 lb @ 30 mph (2.1 MT @ 48 km/h)
Lane Widths	9, 10, 12, 14 ft (2.7, 3, 3.7, 4.3 m)
Open/Close Time	5 seconds up / 5 seconds down
Arm Full Open Angle	Arm full open angle: Adjustable 90° ± 10°
Wedge Design	45° raised position; 21 inch plate height for 9, 10 ft lane width; 18 inch plate height for 12, 14 ft lane width; manual locking mechanism and rotary crank for manual operation
Handing	Left or right handing available
Arm Design	Custom aluminum (standard) 9, 10 ft (2.7, 3 m)
	Articulating arm, combination aluminum-PVC; 7 ft clear/8 ft extended (2.1 m/2.4 m) 8 ft clear/10 ft extended (2.4 m/3 m) 9 ft clear/11 ft extended (2.7 m/3.4 m)
Duty Cycle	Continuous
Uninterrupted Power Supply*	Two 12V, 50Ah batteries, Operates for over 150 cycles after AC power loss.* Field configurable to fail open or secure when batteries deplete.
Voltage Input	115VAC, 3A, 60/50 Hz, 208-230VAC, 1.5A, 60/50 Hz Solar: 24VDC solar panels**
Accessory Power	12VDC and 24VDC 1A each
Temperature Rating	-13° to 158° F (-25° to 70° C)
Communication	USB, RS-232, RS-485, Ethernet & fiber option using 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 with white powder coating
Foundation	To achieve ASTM F2656 rating, 3000 psi flat concrete required. 10 inch min. at anchor strap area. 6 inch min. all other areas. Area under chassis and wedge plate must be flat within 1/4 inch over entire length.
Electrical Certification	Control panel certified to UL 508A by ETL
Warranty	2 years

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** Solar panels not supplied by HySecurity



OPTIONAL ACCESSORIES:

- Hy8Relay™ - extended relay module provides eight additional programmable user relays
- HY-5A intelligent vehicle loop detectors
- HyNet™ Gateway for communicating gate system and accessory status in real time via Ethernet/fiber
- Photo eye
- Second traffic light for bi-directional lanes

Compatible with most access control, safety, vehicle detection and other accessories.

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