

Parking

 **WedgeSmart** ™



Wedge Barrier Arm Operator

Protect your vehicles from theft car rental facilities, valet parking and more

- Protect your assets - Crash-engineered FS30 stops a full size sedan traveling at 30 mph
- Surface mount – Easy, quick installation
- Engineered for millions of cycles
- Highly visible integrated lighted barrier arm and wedge
- UPS backup – operates for over 150 cycles after AC power loss.*
- Easy to configure. Program operation to site specific requirements
- Straight or articulated arm
- When hit, arm stops, protecting pedestrians, facility, operator/arm
- Four lane widths: 9, 10, 12, 14 ft



WedgeSmart DC
Lane widths: 9, 10, 12, 14 ft
5 seconds up / 5 seconds down



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



 **HySecurity**®
a company of TheNiceGroup

1-800-321-9947 • www.hysecurity.com

Manufacturer of ultra-reliable high security, industrial, commercial, residential, parking and crash gate operators and accessories.

Parking and Vehicle Theft Protection

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.

HySecurity strives for simplicity. Easy to install. Easy to configure. Easy to maintain. Easy to troubleshoot and repair. Your WedgeSmart DC barrier arm is built to last.



Parking Wedge Operator

WedgeSmart DC™ Model

Standard	WedgeSmart DC
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	Aluminum arm with bumper, lights, HyProtect™ breakaway arm bracket & kill switch, 9, 10 ft (2.7, 3 m)
	Articulating aluminum arm with bumper, HyProtect™ breakaway arm bracket & kill switch; 7 ft clear/8 ft extended (2.1 m/2.4m) 8 ft clear/10 ft extended (2.4 m/3 m) 9 ft clear/11 ft extended (2.7 m/3.4 m) Lights optional.
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.
Input Voltage	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



OPTIONAL ACCESSORIES:

- Hy8Relay™ - extended relay module provides eight additional programmable user relays
- Hy5B™ 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
- Lifting strap and eyebolt kit available to assist installation
- Battery Mount Kit - Rear of Chassis

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

** Solar panels not supplied by HySecurity

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 or call to speak with a HySecurity representative today.

VISIT WWW.HYSECURITY.COM for specifications, installation manuals and wiring diagrams, image gallery, email subscriptions and much more.

Distributed by: