

SlideSmart™ HD

Move large, heavy gates with ease

Heavy duty pad or post-mount slide gate operator with battery backup. Reduces wear on gate and operator with controlled soft-start and soft-stop.



Features:



Weight and length limit:

Move gates up to 3,000 lbs and 50 ft.



Design:

Post mount or pad mount all steel rodent resistant enclosure.



UPS:

Standard battery backup to keep gates moving up to 100 cycles, with battery upgrades for up to 600 cycles.



Programmable:

Over 70 user configurable settings to meet site specific requirements.



Speed:

HD15F cycles in half the time as standard operators.



Battery:

Monitor battery conditions and maximize life with the intelligent charging system.



Troubleshooting:

Easy system troubleshooting with onboard event log.



Retrofit:

Easily retrofit similar profile operators out-of-the-box.



Made in USA:

Designed, tested and built with global materials.



SlideSmart HD

Commercial Applications



powered by
SmartDC

Technical Specifications

	FAST		
Model	SlideSmart HD15F	SlideSmart HD25	SlideSmart HD30
Gate Weight Max.	1,500 lb (680 kg)	2,500 lb (1,134 kg)	3,000 lb (1,361 kg)
Gate Length Max.	50 ft (15 m)		
Pull Force*	300 lb (136 kg)	450 lb (204 kg)	500 lb (227 kg)
Rate of Travel	1.75, 2 or 2.25 ft/s (53, 61 or 69 cm/s) Open/Close speed set independently	0.75, 1 or 1.25 ft/s (23, 30 or 38 cm/s)** Open/Close speed set independently	
Duty Cycle	Continuous		
Horsepower	1 hp	1/2 hp	1 hp
Drive	Electromechanical		
UPS Battery Backup Cycles †	Field configurable to fail open or secure when batteries deplete. Standard battery backup gate travel: Two 8Ah batteries. Up to 4,000 ft (1,219 m) after AC power loss. Extended battery backup gate travel: Two 50Ah batteries. Up to 25,000 ft (7,620 m) after AC power loss.		
Temperature Rating	-13° to 158° F (-25° to 70° C)		
Operating Voltage	24VDC		
Input Voltage	115V or 208-230V, 60/50 Hz		
Accessory Power	12VDC and 24VDC 1A each		
Communication	USB, RS-232, RS-485		
User Controls	Smart DC Controller with 70+ configurable settings, programmed with 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 rich primer and black powder coated steel cover/chassis		
ETL Listed (UL 325)	Usage Class III, IV***	Usage Class I, II, III, IV**	
Cycle Tested	500,000 cycles		
Warranty	5 year w/product registration	5 year (7 year single-family residential) w/product registration	

* HySecurity manufacturers only reliable and powerful gate operators and provides an extra margin of power to be certain the gate works in adverse conditions. Some manufactures overstate the length and weight capacity of their operators, but HySecurity rates conservatively. Note that our pull force ratings are substantial and that extra margin of power is part of the HySecurity reputation for reliability.

** Speed setting cannot be configured to exceed 1 ft/s for Class I and II usage.

*** Not for residential use or applications intended to serve the general public.

† 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 SLIDE gate operators require a minimum of TWO monitored external entrapment protection sensors (one for each direction) to protect entrapment zones in both the open and close direction of travel. Visit hysecurity.com/gatesafety for more information on UL 325 standards and gate safety.

Optional Accessories - See website for complete list



Battery Backup Kit - 50 Ah



Base Extension & Retrofit Adapter



HD Heater Kit



Hy5B™ 2.0 Vehicle Detector



Hy8Relay™ Module



Photo Eye Kits



ASO Edge Sensors



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Manufacturer of rural/ranch, residential, commercial, parking, industrial and anti-ram gate operators, barriers and accessories.



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