



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 3,500 lb 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

HD 15F cycles in half the time as standard operators.



Troubleshooting

Easy system troubleshooting with onboard event log.



Battery

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



Retrofit

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



Made in USA

Designed, tested and built within USA from globally source materials.

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Technical Specifications

Model	SlideSmart HD15F	SlideSmart HD25	SlideSmart HD30
Duty Cycle	Continuous		
Drive	Electromechanical		
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	
Gate Length Max.	50 ft (15 m)		
Gate Weight Max.	1,500 lb (680 kg)	2,500 lb (1,134 kg)	3,000 lb (1,361 kg)
Pull Force	300 lb	450 lb*	500 lb (227 kg)*
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°F to 158°F (-25°C to 70°C) No heater necessary.		
Operating Voltage	24VDC		
Input Voltage	115V or 208-230V 50/60Hz		
Accessory Power	12VDC and 24VDC 1A each		
Included Accessories	30 ft (9 m) of #40, corrosion resistant roller chain and two steel gate mounting brackets, one premium EMX IRB-MON photo eye, one 5-foot premium ASO edge sensor, and a pre-wired Hy2NC adapter		
Communication	USB, RS-232, RS-485		
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 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 (7 year single-family residential) w/product registration		

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

** 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.



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