

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 mound 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



Connected:

Optional HyNet™ enables real-time system security alerts



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		
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. Ethernet/fiber using optional HyNet™ Gateway accessory		
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	

* 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.

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

