



SlideSmart™ DC

Dependable slide gate operator with battery backup

Chain drive slide gate operator that's easy on the gate hardware with features like soft start and stop, adjustable speeds, and adoptive obstruction detection. Excellent for solar applications.

Features



Weight and length limit

Move gates up to 1,500 lb and 40 ft.



Reliable

Battery backup provides up to 4,000 ft of travel. Upgrade batteries for up to 25,000 ft.



Programmable

Over 70 user configurable settings to meet site specific requirements.



Battery

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



Diagnostics

Easy system troubleshooting with onboard event log.



Adjustable

Independent, field-adjustable open and close speeds.



Made in USA

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

SlideSmart™ DC



Dependable slide gate operator with battery backup

powered by
SmartDC

Technical Specifications

Model	SlideSmart DC 10F	SlideSmart DCS 10F Solar	SlideSmart DC 15	SlideSmart DCS 15 Solar
Duty Cycle	Continuous*	Continuous		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.	40 ft (12 m)			
Gate Weight Max.	1,000 lb (453 kg)		1,500 lb (680 kg)	
Pull Force	200 lb (90.7 kg)		300 lb (136 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° to 158° F (-25° to 70° C)			
Operating Voltage	24VDC			
Input Voltage	115V or 208-230V 60/50Hz	24VDC solar panels - 40W min panel	115V or 208-230V 50/60Hz	24VDC solar panels - 40W min panel
Accessory Power	12VDC and 24VDC 1A each			
Included Accessories	30 ft (9 m) of #40 corrosion resistant roller chain, 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 plated chassis; molded polyethylene cover			
ETL Listed (UL 325)	Usage Class III, IV only***		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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