

Apollo Linear Actuator

Trusted value, rugged performance

Easy to install, easy to operate direct-drive opener provides a solution for every installation with multiple controller and power options.

Features:



Weight and length limit:

Move gates up to 600 lbs and 16 ft long.



Low maintenance:

Easy to install and maintain.



Gate types:

Single or dual gate application.



Flexible:

AC or Solar power options.



Adjustable:

Independent, field-adjustable open and close speeds available on models with 1050 controller.



Performance:

Durable components provide weather operation.



Technology:

Nice BlueBUS 2-wire system self-identifies monitored photo eyes.



Resilient:

Corrosion resistant, acme screw drive mechanism.



Made in USA:

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

Apollo Linear Actuator

Residential, Farm, Ranch Applications



powered by
636, 936, 1050

Technical Specifications

Model	Apollo 1500 LA System	Apollo 1551 LA System	Apollo Bundle MB1050 AC	Apollo Bundle 310 Solar	Apollo Bundle 310 AC
Operator Kit	Single: CBOX636 and 816-1 Dual: CBOX636, 816-1, and 816-2	Single: CBOX1050 and 816-1 Dual: CBOX1050, 816-1, and 816-2	Single: MB1050 and 816-1 Dual: MB1050, 816-1 and 816-2	Single: SolarBOX310 and 816-1 Dual: SolarBOX310, 816-1, and 816-2	Single: ACBOX310 and 816-1 Dual: ACBOX310, 816-1, and 816-2
Duty Cycle	Continuous for AC; Varies based on solar charging capacity*				
Drive	Electromechanical				
Open/Close Time	14 - 16 seconds, dependent on gate	Open/Close speed set independently. Adjustable 14 - 16 seconds		14 - 16 seconds. Dependent on gate	
Gate Length Max.	up to 16 ft (5 m) leaf				
Gate Weight Max.	600 lb (272 kg)				
Temperature Rating	-4° to 122° F (-20° to 50° C)				
Operating Voltage	12VDC				
Input Voltage	12VDC	12VDC or 24VDC	115V or 208-230V 50/60Hz	12VDC	115VAC, 60Hz
Idle Current	15mA	17mA		10mA	
Accessory Power	(3) fused 12 volt outputs - each fused by a 3A fuse	12VDC and 24VDC 0.3A each location		Regulated 12V 500mA always on (2 locations); Regulated 12V 500mA standby off (2 locations)	
Included Accessories	318N receiver	OXIBD bi-directional receiver, one set of BlueBUS through beam photo eyes	OXIBD bi-directional receiver, Era One 2 Channel Mono Transmitter		
Communication	n/a	BlueBUS, BUST4, OXI		BlueBUS, USB, OXI	
User Controls	636US Control Board	1050US Controller		Mercury 310 Controller	
Relays	none	3 programmable relays		none	
Arm Dimensions	Total Length: 42.2 retracted - 66 extended inches (107.2 - 167.6 cm) Pin-to-Pin: 40.8 retracted - 64.6 extended inches (103.6 - 164 cm)				
Enclosure	CBOX: 18w x 18h x 8d inch (46w x 46h x 20.3d cm)	MBOX: 14.25w x 15.125h x 9d inch (36.2w x 38.4h x 22.9d cm)	CBOX: 18w x 18h x 8d inch (46w x 46h x 20.3d cm)	ACBOX: 11.8w x 15.8h x 6.7d inch (30w x 40h x 17 cm)	
Control Box Finish	CBOX: Black powder coat steel		MBOX: Black Plastic	CBOX: Black powder coat steel	ACBOX: Grey Plastic
ETL Listed (UL 325)	n/a	Usage Class I, II			
Warranty	3 year w/product registration				

* Actual battery backed up cycles will depend on gate resistance to travel, cycle length, battery health, ambient temperature, accessory power draw and frequency of gate cycles during power outage.

Note: Battery and battery charger or solar panel required for operation, not included in all systems or bundles.



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The HySecurity brand provides high-quality, ultra-reliable industrial gate operators and crash-rated, Hostile Vehicle Mitigation (HVM) vehicle barriers designed to secure and protect critical infrastructure and facilities worldwide.



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