

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:



Simple:

UL 325 compliance with no external safety devices required using 310 bundle models*



Weight and length limit:

Move gate leaf up to 600 lbs and 16 ft



Low maintenance:

Easy to install and maintain



Adjustable:

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



Gate types:

Single or dual gate applications



Flexible:

AC or Solar power options



Technology:

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



Performance:

Durable components provide all weather operation



Resilient:

Corrosion resistant, acme screw drive mechanism



Made in USA:

Designed, tested and built with global materials

*Nice recommends adding an external entrapment device, such as photo eyes or edge sensors for enhanced protection

Apollo Linear Actuator

Residential, Farm, Ranch Applications



powered by
636, 1050, M310

Technical Specifications

Model	Apollo 1500	Apollo 1551	Apollo Bundle 310
Operator Kit	Single: CBOX636 and 816-1 Twin: CBOX636, 816-1 and 816-2	Single: CBOX1050 and 816-1 Twin: CBOX1050, 816-1 and 816-2	Single: ACBOX310 or SolarBOX310 and 816-1 Dual: ACBOX310 or SolarBOX310, 816-1, and 816-2
Duty Cycle	Continuous for AC; Varies based on solar charging capacity*		
Drive	Electromechanical		
Gate Length Max	up to 16 ft (5 m) leaf		
Gate Weight Max	up to 600 lb (272 kg)		
Open/Close Time (to 90°)	14 - 16 seconds	14 - 16 seconds. Open/Close speed independently adjustable	14 - 16 seconds
Temperature Rating	-4° TO 122° F (-20° TO 50° C)		
Operating Voltage	12VDC		
Input Voltage	12VDC	12VDC or 24VDC	18VDC to 24VDC
Idle Current	15mA	17mA	10mA
Accessory Power	(3) fused 12 volt outputs - each fused by a 3A fuse	V+/24V/12V, 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
Actuator 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)		
Communication	n/a	BlueBUS, BUST4, OXI	BlueBUS, USB port, OXI
User Controls	636US Control Board	1050US Controller	Mercury 310 Controller
Relays	n/a	3 programmable relays	n/a
Enclosure	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) SolarBOX: 18w x 18h x 8d inch (46w x 46h x 20.3d cm)
Finish	CBOX: Black powder coat steel		ACBOX: Gunmetal Grey plastic SolarBOX: Black powder coat steel
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 required but not included for solar models.

Optional Accessories - See website for complete list



Photo Eye Kits



EDSWG Keypad



Oviver Programmer



Inti 2-Channel Transmitter



Era One 2 or 4 Channel Transmitter



Solar Panels



Battery Charger



ASO Edge Sensors

Contact Nice for an operator/parts distributor near you.
phone 253-867-3700 | 800-321-9947
hysecurity.com | sales@hysecurity.com



D0812 101420