

**12 Volt DC Battery Powered*
Linear Operator for
Actuator swing gates up to
600 lbs weight and 16 ft length.**
Recommended for
residential, farm and ranch
applications.



Add the 416-2 Actuator
to convert the 1500 to a
dual-gate system.
416-2 comes with 42' harness.

***Battery Required - but is not included.**

Versatile

Solar compatible: 12 V battery (required) can be charged by either solar or AC power. The choice is yours!

Reliable in any condition: in the event of electrical power outage or significantly overcast days, a fully charged deep cycle marine battery (recommended) will provide up to 300 cycles or 30 days usage on a basic system before requiring a recharge.

Easily installed on most existing or new gates; practical external adjustment of the limit switches.

- Intelligent,** The 636 circuit board features:
- Automatic adjustable close timer;
 - Adjustable current sensitivity for automatic safety reverse;
 - Inputs for: exit, hold open and under gate loops, safety edges, free exit, probes, keypads, telephone entry systems, intercom systems, pushbuttons, locks, radio receivers;
 - Fully systems capable.

The ideal solution for special applications:

operator can be used in push to open or pull to open mode, thus increasing the flexibility of having the actuator inside or outside the gate, regardless of hinge left or right or direction of gate swing. The direct drive system attaches directly to the gate.

Quality and durability to corrosion thanks to the housing, weather resistant NEMA 3R, powder coated black. The actuator has rust proof linear acme screw drive and self-lubricating gears. Supplied with 8 ft. (2.4m) of cable.

Code	Description
1500	Operator 12 VDC for swing gates up to 16 ft. and 600 lbs. each, single gate version. 636 circuit board.
416-2	Opera

Technical Specifications

Code	1500	1600
Electrical data		
Operation (Vdc)		12
Absorption - standby (mA)		10
Performance data		
Speed open 90° (s)		14-16
Duty Cycle (cycles/hour)		Varies based on charging capacity
Dimensions and general data		
Working Temp (°F Min/Max)		-40 ÷ +150
Dimensions - Control box (inches)		18x18x8
Dimensions - Actuator (inches)		42 retracted - 66 extended

Actuator for swing gates up to 600 lbs weight and 16 ft length.

Recommended for **residential, farm and ranch applications.**

Great innovative functions with the 1050 control board



Versatile: available in both 1550ETL single version and 1650ETL dual gate version, including an additional actuator with 38 ft. cable.

Solar compatible: optional 12 V battery (required) can be charged by either solar or AC power. The choice is yours!

Easily installed on most existing or new gates; practical external adjustment of the limit switches.

Both models use the **single/dual advanced 1050 circuit board** offering:

- LCD display for easy programming, diagnosing and troubleshooting;
- Innovative obstacle detection system;
- Plug-in receiver: up to 1,000 rolling-code transmitters;
- Smart management of the battery charging;
- Integrated 7 day timer;
- Master/slave management for two motors working together;
- Protection against electrical surges;
- Programmable inputs for external accessories.

The ideal solution for special applications:

both operator models can be used in push to open or pull to open mode, increasing the flexibility of having the actuator inside or outside the gate, regardless of hinge left or right or direction of gate swing. The direct drive system attaches directly to the gate.

Quality and durability to corrosion thanks to the housing, weather resistant NEMA 3R. Powder coated black. The actuator has rust proof linear acme screw drive and self-lubricating gears. Supplied with 8 ft. (2.4m) of cable.

Code	Description	Approvals
1550ETL-1K	Operator 12 Vdc for swing gates up to 16 ft. and 600 lbs. each, single gate version. 1050 circuit board.	ETL
1650ETL-1K	Operator 12 Vdc for swing gates up to 16 ft. and 600 lbs. each, dual gate version. 1050 circuit board.	ETL

Technical Specifications

Code	1550ETL-1K	1650ETL-1K
Electrical data		
Operation (Vdc)	12-30	
Absorption - standby (mA)	10	
Performance data		
Speed open 90° (s)	14-16	
Duty Cycle (cycles/hour)	Varies based on charging capacity	
Dimensions and general data		
Working Temp (°F Min/Max)	-40 ÷ +150	
Dimensions - Control box (inches)	18x18x8	
Dimensions - Actuator (inches)	42 retracted - 66 extended	