

LA500

RESIDENTIAL / LIGHT
COMMERCIAL DC SWING
GATE OPERATOR

ELITE SERIES®

LA500

RESIDENTIAL / LIGHT
COMMERCIAL DC SWING
GATE OPERATOR

Specifications

Power

110V or 220V Single Phase

Accessory Power

24VDC 500mA output
Switched & Unswitched Power

Surge

Industrial strength suppression
on high and low voltage inputs

Operator Duty Rating

300 cycles per day

Temperature Specifications

-40°F (-40C) to 140°F (60C)

Gate Travel Speed

90 degree opening in
15-17 seconds

Warranty

5 Years Commercial
7 Years Residential

Construction

Chassis

Commercial duty aluminum die
cast housing

Motor

24VDC continuous-duty motor

Worm Gear Reduction

Precision machined all metal gear in
contained lubrication housing

Operator Weight

Actuator Arm 25lbs
Standard Control box 20lbs
-Includes (2) 7AH batteries
XL Control Box 31lbs
- Batteries ship separate

Add to Your System



EL2000
Multi-Tenant Telephone Entry System



EL25 & TAC1
Single/Multi-Tenant Telephone Entry System



LOOPDETLM
LiftMaster® Plug-in Loop Detector



33AH24VSLRPKG
Commercial Solar Package



LA500CONTXLM
XL Metal Control Box



CPS UN4
Thru-Beam Photo-Eyes

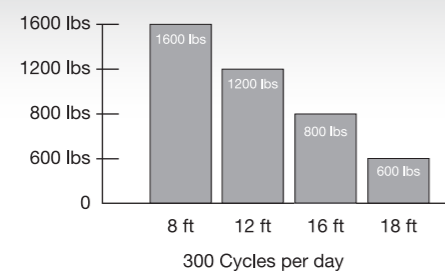


G65 MGR20
Safety Edges

FOR MORE ACCESSORIES GO TO LIFTMASTER.COM

Recommended Capacities

Swing Rating

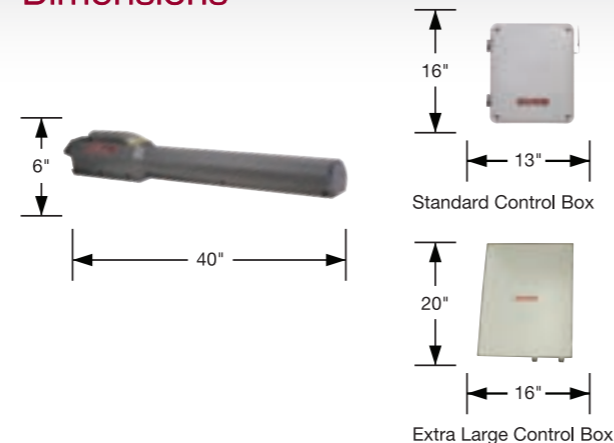


Battery Backup Operation

BATTERY	CYCLES
2 - 7Ah	500
2 - 33Ah	1800

12 ft / 800 lbs Swing Gate

Dimensions



Engineered to Work Every Time. Built to Last Over Time.

LiftMaster® Elite Series® gate operators are built to perform in the most demanding applications. The sturdy design is powerful yet compact enough to fit where pad mount operators do not.

The model LA500 is rated for gates up to 18 feet or 1200lbs.

Security+ 2.0™ technology used exclusively in LiftMaster remote controls virtually eliminates interference and provides double the range of standard remotes so you do not have to wait at the gate to access your property. The receiver holds up to 50 remotes and is compatible with HomeLink® version 4 and higher.



- **Battery Backup**
Uninterrupted access when the power is out
- **Security+ 2.0™ technology**
2X the range of standard remotes
- **MyQ™ technology provides**
 - The ability to remotely monitor and activate your gate from anywhere in the world via internet or smart phone



LiftMaster®

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www.liftmaster.com

ISO 9001 Certified Manufacturer



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LMGTBRLA50

WARNING:
To reduce the risk of injury to persons - When the LiftMaster Internet Gateway™ is used with garage door openers, the operator must be installed with sectional doors. The LiftMaster Internet Gateway™ is ONLY compatible with the following gate operators: Models CSW24V, CSL24V and LA500. Always design, install and maintain safe gate access systems in accordance with UL325 & ASTM F2200 standards.

LiftMaster®

Features/Benefits



Battery Backup

Works when the power is out. Provides up to 7 days or 500 cycles on battery backup. Powers safety devices and ancillary devices.



Security+ 2.0™ Technology

Double the range of standard transmitters. Multi frequency radio virtually eliminates interference. Receiver holds up to 50 remotes. Homelink® compatible.

Key release
for manual operation

Heavy Duty DC Motor with Soft Start/Stop Operation

Powerful enough to perform in the most demanding applications, soft start/stop operation helps extend operator and hardware life under heavy gate use.



Simple-to-Set Electronic Limit System

Maintains accurate gate position throughout gate travel. Maintains open and close limit position at all times, even after using manual disconnect.

Keyed Manual Disconnect

Provides simple method to manually operate gate



Plug-in Loop Detectors

Easy to install, simple to program. Features 8 different settings, including boost. Innovative technology eliminates crosstalk. Inputs for shadow, interrupt and exit loops.



Fire Department Compliant

Selectable settings allow gate to auto-open upon loss of AC power or battery depletion

Programmable Auxiliary Relays

Save time and money when adding on auxiliary devices. 2 programmable relays with 6 settings each simplify adding additional features.

- Pre-warning or gate in motion sounder
- Switch on/off devices at open or close limits

Full-Length Commercial
Duty Aluminum Cast housing

Molecularly bonded
coating never needs lubrication

High-Impact
Polycarbonate electrical enclosure



External Obstruction Sensing

Comply with UL325 safety code. Inputs are provided to simplify secondary non-contact or contact sensors such as photo-eyes and edge devices. Installer will recommend best secondary entrapment device for the application.



Bi-Part Delay

Selectable dual gate operation
Standard Operation – Simultaneously closes gates at the same time.
Synchronized close – Monitors the speed and position of each wing and adjusts the speed as necessary to ensure primary gate closes last, avoiding potential damage to the gate.



Exceptional Standby Time
Our battery backup lasts for days. 10 seconds after the gate closes, all non-essential ancillary devices turn off to conserve power.



True Power Management System

Protects Battery Life. Recovers batteries quicker when discharged and manages the low power threshold. Will not run the batteries beyond the point of failure, ensuring batteries are ready for the next time they are needed



Solar Ready

Add Solar Panels and plug in to the power of the sun. Consult your local dealer for more details. Home and Property Owners can qualify for a 30% Tax credit



Advanced Traffic Management Control

Discourages tailgating
Quick Close – Closes the gate immediately after a vehicle pulls off the interrupt loop.
Anti-Tailgate – Prevents unauthorized access. Gate will pause when closing as vehicle pulls onto interrupt loop or breaks photo beam. Once vehicle backs up, gate will continue to close.

MyQ™ Enabled Accessories

LiftMaster's revolutionary MyQ™ technology is designed with simple mobile access control in mind. The new LiftMaster® model LA500 comes with MyQ™ technology built-in. Pair it with our LiftMaster Internet Gateway™ accessory to remotely monitor or open or close your gate from anywhere in the world with one click on your internet-enabled computer or smart phone.



LiftMaster Internet Gateway™ (model 828LM)

LiftMaster's revolutionary new accessory features built-in MyQ™ technology that connects to the Internet and allows you to monitor and operate your gate operator from anywhere in the world via your internet-enabled computer or smart phone.



Garage and Gate Monitor (model 829LM)

Lets you check and close the gate operator from any room in your house.



Remote Light Control (model 825LM)

Control your house lights and operate any lamp with your remote control or from your Internet-enabled smart phone via your LiftMaster Internet Gateway™

LiftMaster Internet Gateway™ Accessory functionality is dependent on communication with MyQ™ enabled gate operator. MyQ™ communication can be limited by distance and exterior building materials. A general range estimate is 300 feet.



LiftMaster®