

# LA500PKGUL 24VDC RESIDENTIAL/LIGHT COMMERCIAL LINEAR ACTUATOR

Our most powerful swing gate operator.

**PRODUCT HIGHLIGHTS**

**BATTERY BACKUP**  
Provides up to 500 Cycles or  
24 Days of Standby Power

**myQ® TECHNOLOGY**  
Allows You to Securely Monitor  
and Control Your Gate Operator  
from Anywhere with the  
myQ App



## RELIABLE

**COMMERCIAL-DUTY CAST-ALUMINUM HOUSING** WITH HEAVY-DUTY DC MOTOR PERFORMS IN THE MOST DEMANDING APPLICATIONS.

**SMOOTH START/STOP OPERATION** AND MID-TRAVEL REVERSAL EXTEND HARDWARE LIFE OF THE GATE AND OPERATOR.

**BATTERY BACKUP** PROVIDES SEAMLESS ACCESS BY PROVIDING STANDBY POWER WHEN THE POWER IS DOWN.

**SURGE SUPPRESSION** PROVIDES INDUSTRIAL SURGE AND LIGHTNING PROTECTION AGAINST STRIKES UP TO 50 FEET AWAY.

**WARRANTY 2 YEARS.**

## SMART

**myQ TECHNOLOGY** ENABLES YOU TO SECURELY CONTROL AND MONITOR YOUR GATE OPERATOR FROM ANYWHERE.\*

**WIRELESS DUAL-GATE COMMUNICATION** SYNCHRONIZES GATE OPENING/CLOSING AND ELIMINATES EXPENSIVE DRIVEWAY TRENCHING COSTS (REQUIRES SECOND CONTROL BOX).

**BI-PART DELAY** MONITORS AND ADJUSTS SPEED AND POSITION OF EACH WING TO ENSURE PRIMARY GATE CLOSES LAST.

**SOLAR-READY, ULTRA-RELIABLE SYSTEM** DELIVERS POWER WHEN AND WHERE YOU NEED IT MOST.

## SAFE AND SECURE

**QUICK CLOSE/ANTI-TAILGATE** QUICKLY SECURES PROPERTY, PREVENTING UNAUTHORIZED ACCESS.

**SECURITY+ 2.0®** SAFEGUARDS ACCESS WITH AN ENCRYPTED TRI-BAND SIGNAL TO VIRTUALLY ELIMINATE INTERFERENCE AND OFFER EXTENDED RANGE.

**INHERENT REVERSING SENSOR** DETECTS OBSTRUCTIONS AND REVERSES GATE WHEN CLOSING OR STOPS/REVERSES THE GATE WHEN OPENING.

**FIRE DEPARTMENT COMPLIANCE** ALLOWS GATE TO AUTO-OPEN UPON LOSS OF AC POWER OR BATTERY DEPLETION.

**MANUAL DISCONNECT** WHEN UNLOCKED ALLOWS GATE TO BE OPENED MANUALLY.

**UL® LISTED** GATE OPERATORS WITH MONITORED SAFETY ENTRAPMENT PROTECTION DEVICES.

\*Cellular data or Wi-Fi® connection required. Test equipment regularly and follow safety instructions.

## INCLUDED ACCESSORIES:

**MONITORED RETRO-REFLECTIVE PHOTO EYE**  
Enhanced retro-reflective photo eye now with heater and wider beam, engineered to stay aligned; max. range: 50 ft.



LMMRUL

## SAFETY ADD-ONS:

**MONITORED THROUGH-BEAM PHOTO EYES**  
Enhanced through-beam now with wider beam and heater for high performance in most environments; max. range: 90 ft.



LMTBUL

**MONITORED WIRELESS EDGE KIT**  
Low-energy Bluetooth® connection between a LiftMaster Monitored Resistive Edge and the gate operator; max. range: 130 ft.\*\*



LMWEKITU

**MONITORED SAFETY ENTRAPMENT EDGES**  
Full line of Small, Large and Wraparound Profile Edges that sense obstructions.



EDGES

## TOTAL SOLUTION ACCESSORIES:

**TELEPHONE INTERCOM AND ACCESS CONTROL SYSTEM**  
Durable construction and secure access.



EL1SS

**INTERNET GATEWAY**  
Connects myQ-enabled gate operators to the Internet and enables control through the myQ App.



828LM

**SOLAR PANEL KIT**  
Uses the sun to power the operator with (2) 10W or (2) 20W solar panels.



210W/220W

\*\*Wireless kit for up to 4 transmitters and 2 resistive edges per transmitter.

**PRODUCT GUIDE LA500PKGUL**  
24VDC RESIDENTIAL/LIGHT COMMERCIAL  
LINEAR ACTUATOR

**LiftMaster®**

# MASTERFUL ENGINEERING.

## MECHANICS



- 24VDC Continuous-Duty Motor
- **Operator Duty Rating:** 300 Cycles per Day
- **Wormgear Reduction:** Precision-Machined All-Metal Gear Drive

## POWER



- **Full-Time AC-Run Operation** 115V/230V Single-Phase
- **Solar-Ready, Ultra-Reliable System** Delivers Power When and Where You Need It (LMRRUL/LMTBUL Heater Option Not Recommended for Solar Applications)
- **Accessory Power:** 24VDC 500mA Output

## COMMERCIAL-GRADE DESIGN



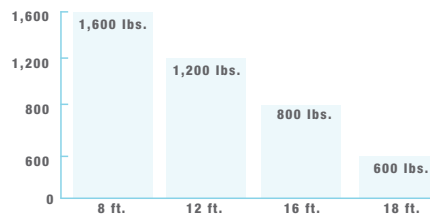
- **Housing:** Commercial-Duty Cast Aluminum
- **UL® Usage Classification:** I, II, III and IV
- **Weights:**  
Actuator Arm: 35 lbs.  
Standard Control Box: 13 lbs.  
(Includes [2] 7Ah Batteries)

## BATTERY BACKUP OPERATION

Battery	Cycles	Standby Time
(2) 7Ah	500	24 Days
(2) 33Ah	2,781	180 Days

(Cycles and Standby Time Based on Stand-Alone System)

## RECOMMENDED CAPACITIES



LA500CONTUL



LA500DC

## XLSOLARCONTUL [NOT INCLUDED]

21.00" x 17.22" x 6.19"

## TEMPERATURE SPECIFICATIONS

-4°F (-20°C) to 140°F (60°C)



**GATE TRAVEL SPEED**  
Opens 90° in 15-17 Seconds

# STANDARD FEATURES.

### PRE-MOTION WARNING ALARM

- Activates On-Board Alarm 3 Seconds Prior to Gate Motion

### SYNCHRONIZED CLOSE

- Simultaneously Closes Gates

### MONITORED SAFETY INPUTS

- 3 Main Board, 3 Optional Expansion Board

### SECURITY+ 2.0® ON-BOARD RADIO RECEIVER

- Tri-Band 310/315/390 MHz Frequency
- Up to 50 Remote Controls (Unlimited with 811LM/813LM)

### LED DIAGNOSTIC DISPLAY

- Simplifies Installation and Troubleshooting



### PROGRAMMABLE AUXILIARY RELAYS

- Make Adding Additional Features Easy

### HOMELINK® COMPATIBLE

- Version 4.0 or Higher\*

# SUPPORT.



For Support Tools and Training Videos, Visit [LiftMasterTraining.com](http://LiftMasterTraining.com)

For More Information on Gate Operators, Visit [LiftMaster.com/UL325Gates](http://LiftMaster.com/UL325Gates)

To Find the Right Perimeter Access Solution for You, Visit [LiftMaster.com/Solution-Generator](http://LiftMaster.com/Solution-Generator)



Sales Support: **800.282.6225**  
Technical Support Center: **800.528.2806**  
To Order: **800.323.2276**

\*May require an external adapter depending on the model and year of your vehicle. Visit [HomeLink.com](http://HomeLink.com) for additional information.