

CSW24UL

24VDC HIGH-TRAFFIC COMMERCIAL SWING GATE OPERATOR

The first choice for heavy-traffic swing gate applications.



PRODUCT HIGHLIGHT
BATTERY BACKUP

RELIABLE

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

SMOOTH START/STOP OPERATION AND MID-TRAVEL REVERSAL EXTEND OPERATOR HARDWARE LIFE.

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

HEAVY-DUTY COMMERCIAL GEAR-DRIVEN TRANSMISSION PROVIDES UNSURPASSED RELIABILITY.

WARRANTY 5 YEARS COMMERCIAL, 7 YEARS RESIDENTIAL.

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.

SYNCHRONIZED CLOSE SIMULTANEOUSLY CLOSES GATES.

SAFE AND SECURE

SECURITY+ 2.0® SAFEGUARDS FACILITY ACCESS WITH ROLLING CODE TECHNOLOGY, OPENING FOR REGISTERED DEVICES ONLY.

EMERGENCY DISCONNECT: SIMPLE-TO-USE RELEASE HANDLE ALLOWS GATE TO BE OPERATED MANUALLY AND MAINTAIN LIMIT POSITION ONCE REENGAGED.

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

QUICK CLOSE AND ANTI-TAILGATE QUICKLY SECURE PROPERTY, PREVENTING UNAUTHORIZED ACCESS.

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.



LMRRUL

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:

CONNECTED ACCESS PORTAL, HIGH CAPACITY

Cloud-based access control for residential communities.



CAPXL

SOLAR KIT

210W: (2) 10W 12V solar panels; 40W33A: (2) 20W 12V panels, (2) 33Ah batteries and solar harness.



210W/40W33A

WIRELESS COMMERCIAL KEYPAD

Provides constant pressure override to control gate operator if safety devices fault yet are free of obstructions. Hold Open/Party Pass enabled with gate operator firmware 4.2 or higher.



KPW250

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

PRODUCT GUIDE CSW24UL
24VDC HIGH-TRAFFIC COMMERCIAL
SWING GATE OPERATOR

LiftMaster
ELITE SERIES®

MASTERFUL ENGINEERING.

MECHANICS

- **24VDC** Continuous-Duty Motor
- **Operator Duty Rating:** High-Cycle, High-Temperature Continuous Duty
- **Wormgear Reduction:** 2 Commercial Oil-Bath Gearboxes Providing 900:1 Wormgear Reduction

POWER

- **120/230VAC** Single-Phase
- **Optional Kit (3PHCONV)** to Convert an Input Voltage of 208/230/460/575VAC to an Output Voltage of 120VAC
- **Accessory Power:** 24VDC 500mA Max.
- **Solar-Ready, Ultra-Reliable System** Delivers Power When and Where You Need It (LMRRUL/LMTBUL Heater Option Not Recommended for Solar Applications)

COMMERCIAL-GRADE DESIGN

- **Chassis:** Constructed with 1/4 in. black powder coated steel for rust prevention
- **Cover:** High-Density, UV-Resistant Polycarbonate 2-Piece for Heat and Corrosion Resistance
- **UL® Usage Classification:** I, II, III and IV
- **Operator Weight:** 206 lbs.

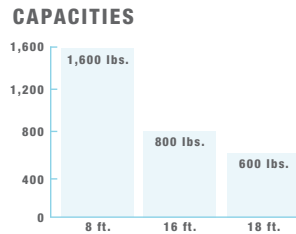
27.99"

19.63" 15.55"



TEMPERATURE SPECIFICATIONS

WITHOUT HEATER
-4°F (-20°C) to 140°F (60°C)
WITH OPTIONAL HEATER (HTR)
-40°F (-40°C) to 140°F (60°C)



GATE TRAVEL SPEED
Opens 90° in 13-15 Seconds

STANDARD FEATURES.

PRE-MOTION WARNING ALARM

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

INHERENT REVERSING SENSOR

- Detects Obstructions and Reverses Gate When Closing or Stops/Reverses Gate When Opening

BI-PART DELAY

- Monitors and Adjusts Speed and Position of Each Wing to Ensure Primary Gate Closes Last

MONITORED SAFETY INPUTS

- 3 Main Board, 3 Expansion Board

SECURITY+ 2.0® ON-BOARD RADIO RECEIVER

- Up to 50 Remote Controls (Unlimited with 811LMX/813LMX)

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

For More Information on Gate Operators, Visit LiftMaster.com/UL325Gates

To Find the Right Perimeter Access Solution for You, Visit 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 for additional information.

CSW200UL AC HIGH-TRAFFIC COMMERCIAL SWING GATE OPERATOR

For the most demanding high-traffic swing gate environments.



PRODUCT HIGHLIGHT
CONTINUOUS-DUTY,
High-Temperature Motor

RELIABLE

LEGACY ELITE HEAVY-DUTY COMMERCIAL GEAR-DRIVEN TRANSMISSION PROVIDES UNSURPASSED RELIABILITY.

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

WARRANTY 5 YEARS COMMERCIAL, 7 YEARS RESIDENTIAL.

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.

SYNCHRONIZED CLOSE SIMULTANEOUSLY CLOSES GATES.

SAFE AND SECURE

SECURITY+ 2.0® SAFEGUARDS FACILITY ACCESS WITH ROLLING CODE TECHNOLOGY, OPENING FOR REGISTERED DEVICES ONLY.

EMERGENCY DISCONNECT: SIMPLE-TO-USE RELEASE HANDLE ALLOWS GATE TO BE OPERATED MANUALLY AND MAINTAIN LIMIT POSITION ONCE REENGAGED.

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

QUICK CLOSE AND ANTI-TAILGATE QUICKLY SECURE PROPERTY, PREVENTING UNAUTHORIZED ACCESS.

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.



LMRRL

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:

CONNECTED ACCESS PORTAL, HIGH CAPACITY

Cloud-based access control for residential communities.



CAPXL

WIRELESS COMMERCIAL KEYPAD

Provides constant pressure override to control gate operator if safety devices fault yet are free of obstructions. Hold Open/Party Pass enabled with gate operator firmware 4.2 or higher.



KPW250

PLUG-IN LOOP DETECTOR

Prevents the gate from closing on a vehicle in the path; power efficient for maximum cycles on Battery Backup.



LOOPDETLM

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

MASTERFUL ENGINEERING.

MECHANICS

- **Continuous-Duty Motor** Rated for High-Cycle, High-Temperature Applications (Available in 1/2 and 1 HP)
- **Wormgear Reduction:** 2 Commercial Oil-Bath Gearboxes Providing 900:1 Wormgear Reduction

POWER

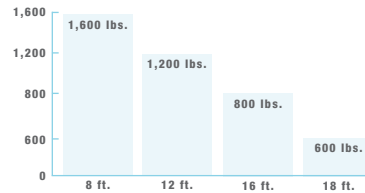
- **115V Single-Phase**
- **Accessory Power:** 24VDC 500mA Output
- **Optional Kit (3PHCONV)** to Convert an Input Voltage of 208/240/460/575VAC to an Output Voltage of 115VAC

COMMERCIAL-GRADE DESIGN

- **Chassis:** Constructed with 1/4 in. black powder coated steel for rust prevention
- **Cover:** High-Density, 2-Piece UV-Resistant Polyethylene Cover (1/2 HP CSW200501UL)
- **UL® Usage Classification:** I, II, III and IV
- **Operator Weight:** 175 lbs.

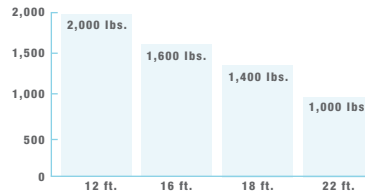
1/2 HP CSW200501UL

CAPACITIES



1 HP CSW200101UL

CAPACITIES



TEMPERATURE SPECIFICATIONS



- WITHOUT HEATER**
-4°F (-20°C) to 140°F (60°C)
- WITH OPTIONAL HEATER (HTRNB)**
-40°F (-40°C) to 140°F (60°C)



GATE TRAVEL SPEED
Opens 90° in 13–15 Seconds

STANDARD FEATURES.

PRE-MOTION WARNING ALARM

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

BI-PART DELAY

- Monitors and Adjusts Speed and Position of Each Wing to Ensure Primary Gate Closes Last

MECHANICAL LIMIT SYSTEM

- Maintains Accurate Gate Position Throughout Gate Travel, Even After Using Manual Disconnect

MONITORED SAFETY INPUTS

- 3 Main Board, 3 Expansion Board

SECURITY+ 2.0® ON-BOARD RADIO RECEIVER

- Up to 50 Remote Controls (Unlimited with 811LMX/813LMX)

LED DIAGNOSTIC DISPLAY

- Simplifies Installation and Troubleshooting

PROGRAMMABLE AUXILIARY RELAYS

- Make Adding Additional Features Easy

SUPPORT.



For Support Tools and Training Videos, Visit LiftMasterTraining.com

For More Information on Gate Operators, Visit LiftMaster.com/UL325Gates

To Find the Right Perimeter Access Solution for You, Visit LiftMaster.com/Solution-Generator



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



H D S W 2 4 U L

24VDC HEAVY-DUTY VARIABLE SPEED SWING GATE OPERATOR

Ideal for heavy gate and extreme applications.



CONTINUOUS-DUTY OPERATION

DIRECT DRIVE GEAR BOX AND BRUSHLESS DC MOTOR
up to 6 million cycles

MOVE HEAVY GATES
up to 4,500 lbs. or 22 ft. length †

RELIABLE

CONTINUOUS-DUTY GATE OPERATION BUILT WITH A CUSTOM HEAVY-DUTY GEAR BOX, SIZE 80, DIRECT DRIVE 1,600:1 GEAR RATIO.

CUSTOM 1.5 HP PEAK BRUSHLESS DC MOTOR DELIVERS UP TO 6 MILLION CYCLES.

VARIABLE CYCLE SPEED ADJUSTS TO MEET APPLICATION NEEDS FROM 13 TO 36 SEC. FOR A 90-DEGREE OPENING.

SMOOTH START/STOP OPERATION AND MID-TRAVEL REVERSAL EXTEND OPERATOR HARDWARE LIFE.

STANDARD ARM (INCLUDED) MOVES GATES UP TO 2,800 LBS.

CUSTOM REINFORCED LONG ARM (OPTIONAL) MOVES GATES UP TO 4,500 LBS.

SMART

POWERED BY myQ® FOR FULL INSIGHT AND CONTROL OVER COMMUNITY AND FACILITY ACCESS POINTS. MONITOR AND CONTROL MULTIPLE COMMUNITIES WITH SMART COMMUNITY ACCESS. IMPROVE WAREHOUSE EFFICIENCY AND PRODUCTIVITY WITH SMART FACILITY ACCESS.*

FOUR PROGRAMMABLE AUXILIARY RELAYS ACCOMMODATE MORE ACCESSORIES.

WIRELESS DUAL-GATE COMMUNICATION SYNCHRONIZES GATE OPERATION AND ELIMINATES COSTLY TRENCHING; SET SPEED INDEPENDENTLY IF NEEDED.

SAFE AND SECURE

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

POSILOCK® AUTOMATICALLY CLOSES THE GATE WHEN IT IS PUSHED FROM THE CLOSED LIMIT.

UL® LISTED GATE OPERATOR WITH MONITORED SAFETY ENTRAPMENT PROTECTION DEVICE.

*When linked with an access control powered by myQ. Cellular data or Wi-Fi® connection required. Test equipment regularly and follow safety instructions.

†Optional Reinforced Long Arm must be used to move 4,500 lb. or 22 ft. gates.

INCLUDED ACCESSORIES:

MONITORED RETRO-REFLECTIVE PHOTO EYE

Reliable retro-reflective photo eye with heater and wide beam, engineered to stay aligned; max. range: 50 ft.



LMRRUL

OPTIONAL & SAFETY ADD-ONS:

REINFORCED LONG ARM

For heavy gate applications of 2,500–4,500 lbs., 14–22 ft.

HDLGARM

MONITORED THROUGH-BEAM PHOTO EYES

Reliable through-beam with wide 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 RESISTIVE EDGES

Full line of Small and Large Profile Edges that sense obstructions.



EDGES

TOTAL SOLUTION ACCESSORIES:

CONNECTED ACCESS PORTAL WITH VIDEO

Cloud-based access control for residential communities.



CAPXLV

PLUG-IN LOOP DETECTOR

Prevents the gate from closing on a vehicle in the path; power efficient for maximum cycles on Battery Backup.



LOOPDETLM

INTERNET GATEWAY

Connects myQ-enabled gate operators to the Internet and enables control through the myQ app and communication to Access Control Systems powered by myQ.



828LM

MASTERFUL ENGINEERING.

MECHANICS



- **24VDC** Brushless Continuous-Duty Motor
- **Operator Duty Rating:** High-Cycle, High-Temperature Continuous-Duty
- **Direct Drive**

POWER



- **120/240VAC** Single-Phase
- **Accessory Power:** 24VDC 1 A Max. Output; Switched and Unswitched Power
- **Optional Kit (3PHCONV)** to Convert a 3-Phase Input Voltage of 208/240/480/575VAC to an Output Voltage of 120VAC
- **Solar-Ready, Ultra-Reliable System** Delivers Power When and Where You Need It (LMRRUL/LMTBUL Heater Option Not Recommended for Solar Applications)



COMMERCIAL-GRADE DESIGN



- **Chassis:** Constructed with 1/4 in. Steel, Powder Coated
- **Cover:** High-Density, UV-Resistant Polyethylene 2-Piece Cover for Excellent Heat and Corrosion Resistance
- **Warranty:** 5 Years Commercial, 7 Years Residential
- **UL® Usage Classification:** I, II, III and IV
- **Operator Weight:** 249 lbs.

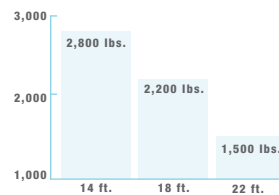
28.04"



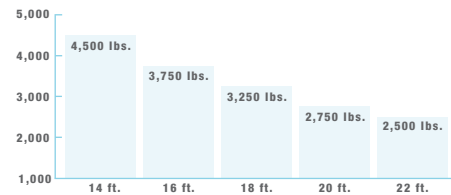
16.37"

19.59"

CAPACITIES STANDARD ARM



CAPACITIES LONG ARM



TEMPERATURE SPECIFICATIONS



- WITHOUT HEATER**
-4°F (-20°C) to 140°F (60°C)
- WITH OPTIONAL HEATER (HTR)**
-40°F (-40°C) to 140°F (60°C)



VARIABLE GATE SPEED
13–36 sec for a 90 degree opening

STANDARD FEATURES.

INHERENT REVERSING SENSOR

- Detects Obstructions and Reverses Gate

POSILOCK®

- Automatically Closes the Gate When It Is Pushed from the Closed Limit

MANUAL DISCONNECT

- Allows Gate to Be Opened Manually When Released

MONITORED SAFETY INPUTS

- 3 Main Board, 3 Expansion Board

SECURITY+ 2.0® ON-BOARD RADIO RECEIVER

- Up to 50 Remote Controls (Unlimited with 811LMX/813LMX)

LED DIAGNOSTIC DISPLAY

- Simplifies Installation and Troubleshooting

PROGRAMMABLE AUXILIARY RELAYS

- 4 Relays Make Adding Additional Features Easy

HOMELINK® COMPATIBLE

- Version 4.0 or Higher*

*May require an external adapter depending on the model and year of your vehicle. Visit HomeLink.com for additional information.



SUPPORT.



For Support Tools and Training Videos, Visit LiftMasterTraining.com

For More Information on Gate Operators, Visit LiftMaster.com/UL325Gates



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

LA400PKGUL

24VDC RESIDENTIAL LINEAR ACTUATOR

Our most popular swing gate operator for residential applications.

PRODUCT HIGHLIGHTS



BATTERY BACKUP
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.

PARTY PASS ALLOWS FOR THE GATES TO BE HELD OPEN FOR AN EXTENDED PERIOD OF TIME.

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

SAFE AND SECURE

SECURITY+ 2.0® SAFEGUARDS FACILITY ACCESS WITH ROLLING CODE TECHNOLOGY, OPENING FOR REGISTERED DEVICES ONLY.

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.



LMRRL

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.



LMTBL

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:

WIRELESS COMMERCIAL KEYPAD
Provides constant pressure override to control gate operator if safety devices fault yet are free of obstructions. Hold Open/Party Pass enabled with gate operator firmware 4.2 or higher.



KPW5

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.

MASTERFUL ENGINEERING.

MECHANICS



- 24VDC Continuous-Duty Motor
- **Operator Duty Rating:** 100 Cycles per Day
- **Wormgear Reduction:** Precision-Machined All-Metal Gear Drive

POWER



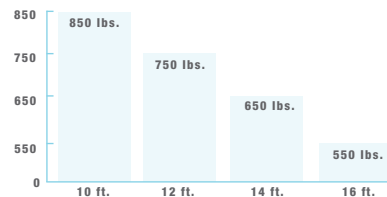
- 115 Single-Phase (Standard Control Box)
- **Solar-Ready, Ultra-Reliable System** Delivers Power When and Where You Need It (LMRRUL/LMTBUL Heater Option Not Recommended for Solar Applications)
- **Accessory Power:** 24VDC 500mA Output

COMMERCIAL-GRADE DESIGN



- **Housing:** Commercial-Duty Cast Aluminum
- **UL® Usage Classification:** I, II, III and IV
- **Weights:**
Actuator Arm: 19 lbs.
Standard Control Box: 13 lbs.
(Includes [2] 7Ah Batteries)

RECOMMENDED CAPACITIES



STANDARD FEATURES.

SYNCHRONIZED CLOSE

- Simultaneously Closes Gates

MONITORED SAFETY INPUTS

- 3 Main Board, 3 Optional Expansion Board

SECURITY+ 2.0® ON-BOARD RADIO RECEIVER

- Up to 50 Remote Controls
(Unlimited with 811LMX/813LMX)

LED DIAGNOSTIC DISPLAY

- Simplifies Installation and Troubleshooting

HOMELINK® COMPATIBLE

- Version 4.0 or Higher*



*May require an external adapter depending on the model and year of your vehicle. Visit HomeLink.com for additional information.

WITH OPTIONAL EXPANSION BOARD ONLY

QUICK CLOSE

- Closes the Gate Immediately After a Vehicle Pulls Off the Interrupt Loop

ANTI-TAILGATE

- Prevents Unauthorized Access

16.41"

6.65"

14.44"

6.06"

37.96"

3.93"



LA400CONTUL



LA400DC

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

SUPPORT.



For Support Tools and Training Videos, Visit
LiftMasterTraining.com

For More Information on Gate Operators, Visit
LiftMaster.com/UL325Gates

To Find the Right Perimeter Access Solution for You, Visit
LiftMaster.com/Solution-Generator

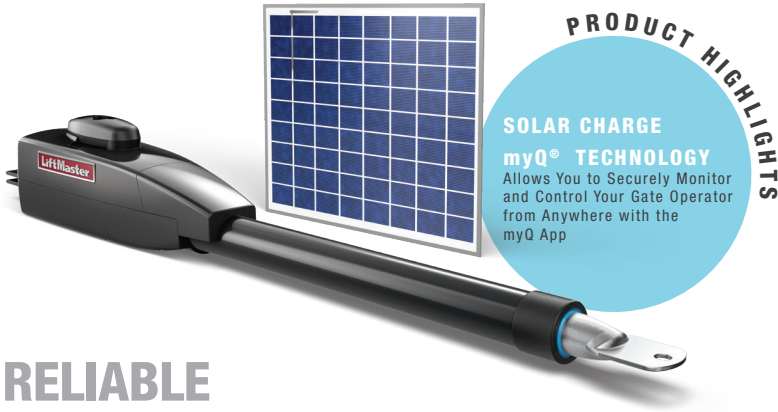


Sales Support: **800.282.6225**
Technical Support Center: **800.528.2806**
To Order: **800.323.2276**

LA412PKGUL

12VDC SOLAR RESIDENTIAL LINEAR ACTUATOR

The most solar-optimized swing gate operator on the market.



PRODUCT HIGHLIGHTS

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

RELIABLE

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.

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

WARRANTY 2 YEARS.

SMART

SOLAR-POWERED, ENERGY-EFFICIENT SYSTEM ELIMINATES EXPENSIVE TRENCHING COSTS TO PULL POWER TO THE GATE.

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.

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

RESIDENTIAL FEDERAL TAX CREDIT: QUALIFIES FOR A 30% TAX CREDIT ON SOLAR GATE OPERATORS AND INSTALLATION THROUGH 2022.

SAFE AND SECURE

SECURITY+ 2.0® SAFEGUARDS FACILITY ACCESS WITH ROLLING CODE TECHNOLOGY, OPENING FOR REGISTERED DEVICES ONLY.

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 wider beam, engineered to stay aligned; max. range: 50 ft.



LMRRUL


SAFETY ADD-ONS:

MONITORED THROUGH-BEAM PHOTO EYES
Enhanced through-beam now with wider beam 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:

WIRELESS COMMERCIAL KEYPAD
Provides constant pressure override to control gate operator if safety devices fault yet are free of obstructions. Hold Open/Party Pass enabled with gate operator firmware 4.2 or higher.




KPPWS

PLUG-IN LOOP DETECTOR
Prevents the gate from closing on a vehicle in the path; power efficient for maximum cycles on Battery Backup.



LOOPDETLM

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



828LM

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

MASTERFUL ENGINEERING.

MECHANICS

- 12VDC Continuous-Duty Motor
- **Wormgear Reduction:** Precision-Machined All-Metal Gear Drive

POWER

- **Solar-Powered, 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: 19 lbs.
Standard Control Box: 13 lbs.
(Includes [2] 7Ah Batteries)

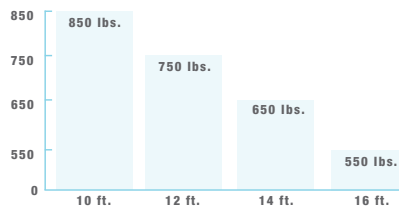


LA412CONTUL



LA412DC

RECOMMENDED CAPACITIES



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 23–24 Seconds

STANDARD FEATURES.

SYNCHRONIZED CLOSE

- Simultaneously Closes Gates

MONITORED SAFETY INPUTS

- 3 Main Board, 3 Optional Expansion Board

SECURITY+ 2.0® ON-BOARD RADIO RECEIVER

- Up to 50 Remote Controls
(Unlimited with 811LMX/813LMX)

LED DIAGNOSTIC DISPLAY

- Simplifies Installation and Troubleshooting

HOMELINK® COMPATIBLE

- Version 4.0 or Higher*



WITH OPTIONAL EXPANSION BOARD ONLY

QUICK CLOSE

- Closes the Gate Immediately After a Vehicle Pulls Off the Interrupt Loop

ANTI-TAILGATE

- Prevents Unauthorized Access

SUPPORT.



For Support Tools and Training Videos, Visit LiftMasterTraining.com

For More Information on Gate Operators, Visit LiftMaster.com/UL325Gates

To Find the Right Perimeter Access Solution for You, Visit 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 for additional information.

PRODUCT HIGHLIGHTS

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



LA500PKGUL

24VDC RESIDENTIAL/LIGHT COMMERCIAL LINEAR ACTUATOR

Our most powerful swing gate operator.

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.



LMRRUL

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.



LMTRUL

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

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 FACILITY ACCESS WITH ROLLING CODE TECHNOLOGY, OPENING FOR REGISTERED DEVICES ONLY.

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.

PRODUCT GUIDE LA500PKGUL
24VDC RESIDENTIAL/LIGHT COMMERCIAL
LINEAR ACTUATOR

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

LiftMaster®

MASTERFUL ENGINEERING.

MECHANICS



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

POWER



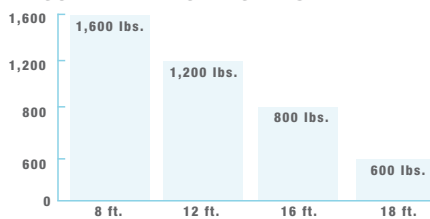
- **Full-Time AC-Run Operation** 115V/230V Single-Phase
- **Solar-Ready, Ultra-Reliable System** Delivers Power When and Where You Need It (LMRRUL/LMTBUL Heater Option Not Recommended for Solar Applications)
- **Accessory Power:** 24VDC 500mA Output

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)

RECOMMENDED CAPACITIES



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

- Up to 50 Remote Controls
(Unlimited with 811LMX/813LMX)

LED DIAGNOSTIC DISPLAY

- Simplifies Installation and Troubleshooting



PROGRAMMABLE AUXILIARY RELAYS

- Make Adding Additional Features Easy

HOMELINK® COMPATIBLE

- Version 4.0 or Higher*

*May require an external adapter depending on the model and year of your vehicle. Visit HomeLink.com for additional information.



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

SUPPORT.



For Support Tools and Training Videos, Visit
LiftMasterTraining.com

For More Information on Gate Operators, Visit
LiftMaster.com/UL325Gates

To Find the Right Perimeter Access Solution
for You, Visit
LiftMaster.com/Solution-Generator



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

ULTIMATE POWER DELIVERED.

Move heavy gates in extreme applications.
Heavy-duty, variable speed gate operators
that deliver in even the most demanding environments.



PRODUCT BROCHURE

HDSL24UL / HDSW24UL
Heavy-Duty Variable Speed
Gate Operators

LiftMaster

MOVING HEAVY GATES JUST GOT EASIER AND SMARTER.

The new LiftMaster® line of Heavy-Duty Gate Operators with variable speed control make the challenge of moving the heaviest of gates a thing of the past.

This family of smart commercial slide and swing gate operators provides the perfect solution for commercial or residential community environments with over-sized gates. Facility and community managers can rely on these operators for 24/7 uptime, secure access, operator longevity, remote monitoring of all access points and seamless integration with additional LiftMaster safety accessories for a fully connected system.



CUSTOMIZE GATE OPEN/CLOSE TIME

Variable speed technology allows for gate opening speeds from .5 to 1 foot per second to meet application needs



RELIABLE 24/7 CONTINUOUS-DUTY OPERATION

1.5 HP peak brushless custom DC motor delivers up to 6 million cycles



KNOW MORE ABOUT YOUR GATE

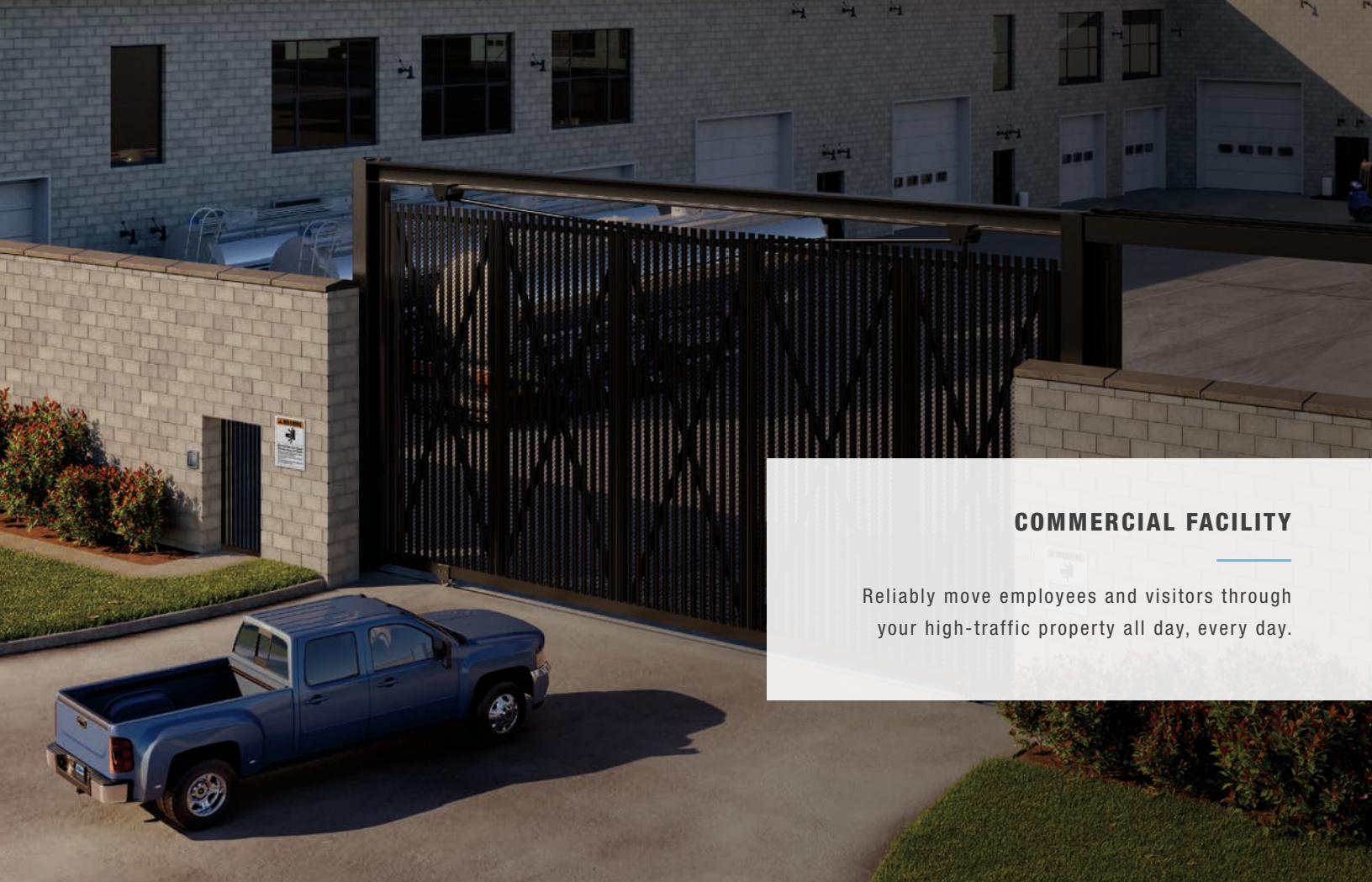
Remotely connect with the myQ® Community Control platform for real-time alerts and data on gate status*



INCREASE HARDWARE LIFE

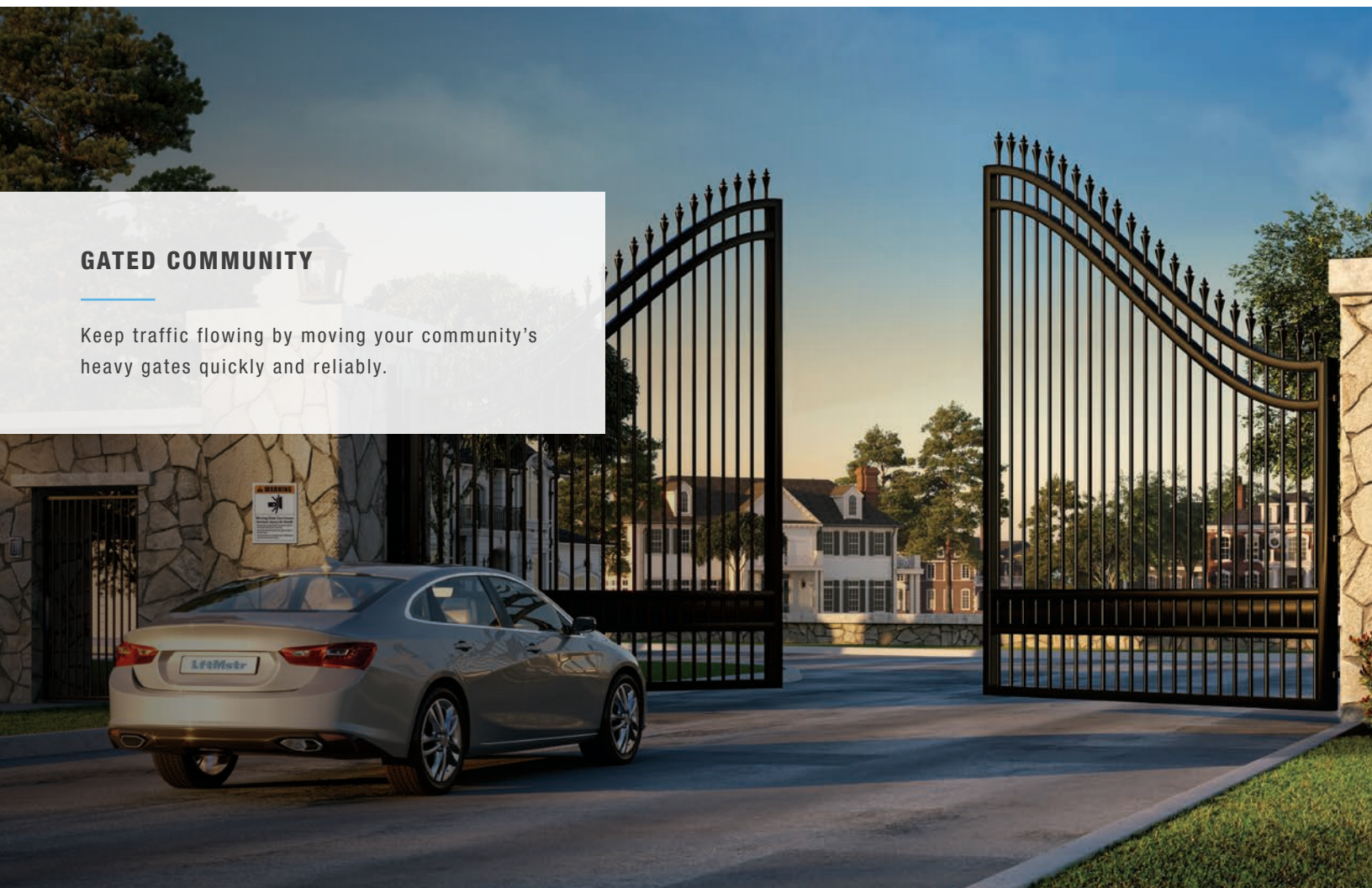
Custom oversized gear box, speed adjustability and smooth start/stop feature reduce hardware wear and tear

* When linked with an access control powered by myQ. Cellular data or Wi-Fi® connection required. Test equipment regularly and follow safety instructions.



COMMERCIAL FACILITY

Reliably move employees and visitors through your high-traffic property all day, every day.



GATED COMMUNITY

Keep traffic flowing by moving your community's heavy gates quickly and reliably.

STRONG.

UNFAILING ALL-DAY ACCESS.

The perfect solution for Class I, II, III and IV heavy gate and extreme applications. The continuous operation of the HDSL24UL keeps commercial properties, distribution facilities and gated communities working 24/7.



24VDC HEAVY-DUTY VARIABLE SPEED SLIDE GATE OPERATOR

- Engineered for use with gates up to 3,000 lbs. and 75 ft. long
 - Variable cycle speed adjusts from .5-1 ft. per second to adjust for heavy gates when needed
 - Custom heavy-duty gear box, size 70, direct drive 40:1 gear ratio delivers high-cycle, high temperature continuous-duty gate operation
 - #40 industrial chain provides a pull strength of 2X the gate weight
- **Included accessories:**
 - One (1) Monitored Retro-Reflective Photo Eye (LMRRUL)
 - One (1) Monitored Small-Profile Resistive Edge (S505AL)

RELIABLE. CONTINUOUSLY MOVE TRAFFIC.

This operator was designed for high-traffic Class I, II, III and IV applications with heavy swing gates. Ideal for moving day-to-day traffic through residential communities and commercial facilities.



Optional Reinforced Long Arm (HDLGARM) available for heavy gate applications of 2,500–4,500 lbs. / 14–22 ft.

HDSW24UL

24VDC HEAVY-DUTY VARIABLE SPEED SWING GATE OPERATOR

- Engineered for use with gates up to 2,800 lbs. or 22 ft. long (with standard arm)
- Variable speed adjusts from 13-36 seconds for a 90-degree opening to quickly secure property and prevent unauthorized access
- Custom heavy-duty gear box, size 80 with size 60 reducer, direct drive 1,600:1 gear ratio delivers high-cycle, high temperature continuous-duty gate operation
- Ultra-reliable high-cycle, high-temperature continuous-duty operator
- Sealed limit system will prevent rodents from causing repeated limit and false reversal failures
- **Included accessory:**
 - One (1) Monitored Retro-Reflective Photo Eye (LMRRUL)



Learn more at LiftMaster.com/heavy-duty-gate-operator

ALWAYS A SAFE BET.

With LiftMaster®, you are protected—right out of the gate. As the only brand with its own complete line of safety solutions, we make it simple to meet the industry's standards.



Reduced Liability

Our full range of add-on safety entrapment devices gives you options to protect every entrapment zone.



Advanced Sensors

State-of-the-art photo eyes are engineered to stay aligned, featuring a wider polarized beam and a heater.



Complete Confidence

Maximize uptime and minimize complaints with the reliability of a seamless system.

Monitored
Retro-Reflective
Photo Eye: **LMRRUL**



Ask your installer to follow UL® 325 and ASTM F2200 safety standards to ensure that your gate system is safe.

UL 325 LISTED SLIDE AND SWING GATE OPERATORS

Monitored Small Profile Resistive Edge: S505AL

SUPPLEMENTAL SAFETY.

Customize your safety system with these add-ons.



MONITORED THROUGH-BEAM PHOTO EYES (LMTBUL)

Cover a greater distance and ensure high performance in challenging environments with enhanced through-beams, a wider polarized beam and a heater. Max. range: 90 ft.



MONITORED WIRELESS EDGE KIT (LMWEKITU)

Eliminate wires between LiftMaster® Monitored Resistive Edges and Gate Operators via a low-energy Bluetooth® connection. Max. range: 130 ft.*

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



MONITORED SAFETY ENTRAPMENT EDGES

Get a precise fit for your gate with a full line of small and large profile edges.

THE SMART ACCESS SOLUTION.

A complete LiftMaster® solution will provide you with trusted and reliable access every day. Whether you are managing a residential community or a commercial facility, you can count on the LiftMaster suite of products to work together seamlessly for a completely integrated solution that gives you the power to ensure your property is safe, secure and running at maximum efficiency. Credentialed access has never been easier with our smart technology that features remote diagnostics and real-time alerts.

SEAMLESS INTEGRATION.

Complete your access system and enhance operations.



CLOUD-BASED ACCESS CONTROL SYSTEM WITH VIDEO (CAPXLV)

Connected access portal providing cloud-based access control for communities



CLOUD-BASED 2-DOOR CONTROLLER (CAP2D)

Connected access portal, 2-door controller is ideal for interior doors and securing resident or staff only areas



INTERNET GATEWAY (828LM)

Connects gate operators powered by myQ® to the Internet and enables Smart Access solutions



PLUG-IN LOOP DETECTOR (LOOPDETLM)

Prevents the gate from closing on a vehicle in the path; power efficient for maximum cycles on Battery Backup



COMMERCIAL DOOR OPERATORS

Safe and efficient solutions for all door types to keep every business running smoothly



SECURE VIEW™ GARAGE DOOR OPENER (85503)

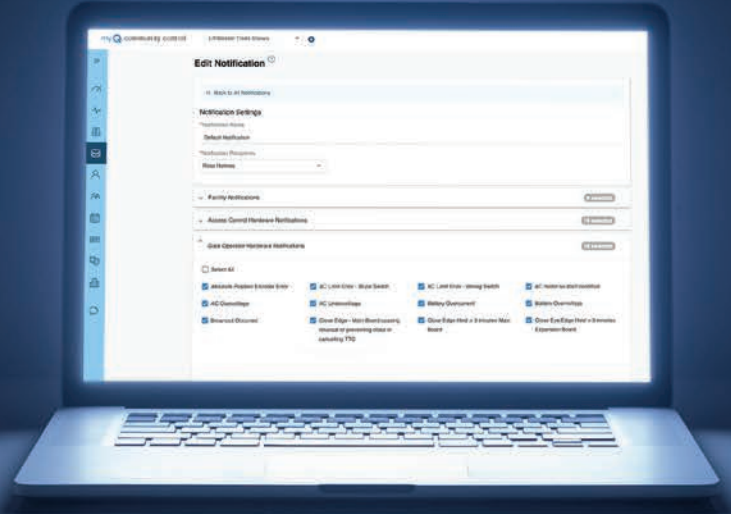
DC Battery Backup belt drive Wi-Fi garage door opener with integrated video camera that enables you to see what is happening in your garage through a live feed or recorded event



Learn more at LiftMaster.com/heavy-duty-gate-operator

REAL-TIME DATA TO KEEP YOU IN THE KNOW.

LiftMaster's first-of-its-kind myQ® applications provide facility and community managers with full insight and control over LiftMaster® HD Gate Operators and other access points. Managers can monitor entrances and exits access in real-time, measure their performance and track their current open/close gate status to help increase efficiency, safety and security.



MYQ FACILITY MANAGEMENT



REAL TIME DATA - Use custom reports to track activity highs and lows while setting KPIs and activity benchmarks



PREVENTATIVE MAINTENANCE - Prevent downtime by knowing when maintenance is needed and enabling technicians to bring the needed parts



ADDED PROTECTION - Track and record door, dock and gate activity while delegating access by person, group, time and location

MYQ COMMUNITY CONTROL



REMOTE MANAGEMENT - Live, web-based access lets you log in from anywhere to make database changes or move from one community to the next



REAL-TIME REPORTS - Get alerted with real-time notifications of critical events and monitor access credentials with 24/7 oversight



SECURE CONTROL - Cloud-based security keeps data protected and safeguards resident information while ensuring that databases aren't lost

LET'S CONNECT.



Contact Your LiftMaster® Dealer



Find a Dealer at [LiftMaster.com](https://www.liftmaster.com)



800.323.2276



POWERED BY myQ



CASE STUDY

Community Access Restored with LiftMaster's New Line of Heavy-Duty Gate Operators

LOCATION	Indio, CA
SITE TYPE	Multi-family Community with 450 single-family homes
PROBLEM	Replace 20-year-old operator for a 1,200-pound swing gate in a high wind environment.
SOLUTION	LiftMaster® HDSW24UL

A New Choice For Heavy-Duty Gate Operators

When Kenny Pride of Automation Pride was contacted to replace a 20-year-old swing gate operator for a gated community, he knew that the 1,200-pound swing gate in a high wind environment required a stronger operator than any of the LiftMaster operators he typically liked to install. As one of the leading local gates and garage door service companies, over the years Kenny has developed long lasting relationships with his customers and takes pride in the fact they trust him to install a solution that's safe and reliable, which 90% of the time is a LiftMaster brand operator. Responding to a need identified in the market, LiftMaster launched a new line of heavy-duty gate operators that was perfect for the job Kenny was working on.



More than Enough Muscle

LiftMaster's new HDSW24UL commercial swing gate operator could handle gates up to 2,800 pounds, more than enough muscle to move the 1,200-pound gate. Best of all, unlike other heavy-duty gate operators he had experience with, the HDSW24UL came with variable speed controls (from 13-36 seconds) that would allow his customer to set the speed of the gate and a slow-start and slow-stop functionality, which would reduce wear and tear on the gate hardware. Kenny knew that the manager of the community would be able to rely on the HDSW24UL for 24/7 uptime, secure access and operator longevity.



I was excited to learn LiftMaster had expanded its gate operator offering to include heavy-duty, high-cycle operators," said Kenny Pride. "The reliability of LiftMaster's products, along with their superior tech support makes them my go-to for operators. Now that I can turn to LiftMaster for all my gate operator needs I'm thrilled.



HDSW24UL Benefits

Handles heavy gates

Moves gates up to 22 feet in length or up to 2,800 pounds (4,500 pounds with the optional customer reinforced long arm HDLGARM).

Long life

Engineered for up to 6 million cycles and continuous duty applications. It features a direct drive high efficiency powertrain, with a slow-start and slow-stop function to reduce wear and tear.

Variable speed control

This setting allows users to customize the speed of the gate from 13-36 seconds for a 90-degree opening (independently in dual gate applications).

Know more about your gate

Remotely connect with the myQ® Community platform for real-time alerts and data on gate status.