

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

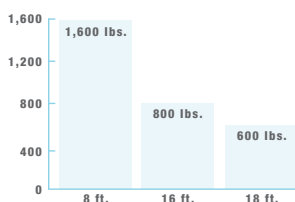
-  - **Chassis:** Constructed with 1/4 in. black powder coated steel for rust prevention
- **Cover:** High-Density, UV-Resistant Polycarbonate 2-Piece for Heat and Corrosion Resistance
- **UL® Usage Classification:** I, II, III and IV
- **Operator Weight:** 206 lbs.

## TEMPERATURE SPECIFICATIONS



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

## CAPACITIES



**GATE TRAVEL SPEED**  
Opens 90° in 13–15 Seconds

27.99"

19.63" 15.55"

## 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](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.