CSL24V

HIGH-TRAFFIC COMMERCIAL DC GATE OPERATOR WITH BATTERY BACKUP

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
Continuous

Temperature Specifications
-40°F (-40C) to 140°F (60C)

Gate Travel Speed
12" per second

Warranty
5 Years Commercial
7 Years Residential

Construction

Chassis
Constructed with ¼" gold zinc plated steel for rust prevention

Motor
24VDC continuous-duty motor

Worm Gear Reduction
Commercial oil bath gear boxes with 10:1 worm gear reduction

Cover
High-density, UV-resistant polycarbonate two-piece cover for excellent heat and corrosion resistance

Operator Weight
140 lbs.

Add to Your System

EL2000
Multi-Tenant Telephone Entry System

EL25 & TAC1
Single/Multi-Tenant Telephone Entry System

LOOPDETLM
LiftMaster® Plug-in Loop Detector

SOLPNL20W12V
20-Watt 12V Solar Panels

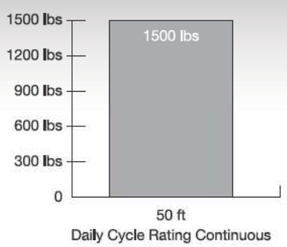
CPS UN4
Thru-Beam Photo-Eyes

G65 MGR20
Safety Edges

GHTRKITCSL
Heater Kit

FOR MORE ACCESSORIES GO TO LIFTMASTER.COM

Recommended Capacities



Dimensions

Battery Backup Operation

BATTERY	CYCLES
2 - 7Ah	100
2 - 33Ah	380

16 ft / 1000 lbs Gate Slide

LiftMaster®

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www.liftmaster.com
ISO 9001 Certified Manufacturer

Follow us on Facebook, Twitter and YouTube!

I.C./F.C.C. Certified

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LMGTBRSL24

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.

ELITE SERIES®

CSL24V

HIGH-TRAFFIC COMMERCIAL DC GATE OPERATOR WITH BATTERY BACKUP

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

LiftMaster® Elite Series® model CSL24V is engineered for a million cycles in high-cycle heavy-duty applications. The model CSL24V is rated for gates up to 50 feet or 1500 lbs.

Battery Backup provides uninterrupted access when the power is out.

The Security+ 2.0™ technology used exclusively in LiftMaster® remote controls virtually eliminates interference and provides up to 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.

The industry's only standard wireless dual gate communication saves installation time and cost and eliminates unsightly scars from cutting driveways to run conduit for primary/secondary communication wiring.

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

Battery Backup
WORKS EVEN WHEN THE POWER IS OUT.

myQ

LiftMaster®

Features/Benefits

Battery Backup
Works when the power is out.
Provides up to 7 days or 100 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.

Wireless Dual Gate Communication
No more unsightly driveway scars or expensive wiring.

Heavy Duty DC Motor with Soft Start/Stop Operation
Powerful enough to perform in the most demanding applications. Soft start/stop operation extends operator and hardware life under high-cycle, heavy gate use.

Fire Department Compliant
Selectable settings allow gate to auto-open upon loss of AC power or battery depletion
Gate may also be set to be pushed open upon power AC loss 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

High-Impact Polycarbonate
UV-resistant 2-part cover. Offers durable protection and ease of service.

External Obstruction Sensing
Comply with UL325 safety code. To meet UL325 safety standards, secondary entrapment devices must be added. Inputs are provided to simplify adding secondary non-contact or contact sensors such as photo-eyes and edge devices. Installer will recommend best secondary entrapment device for the application.

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.

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.

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.

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.

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 CSL24V 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®