

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.

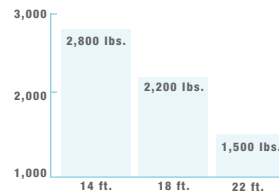
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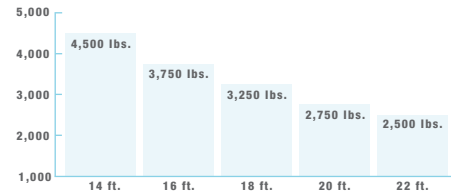
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19.59"

**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.

