

**LINEAR ARM**

# SWING GATE OPERATOR

## Basic Kit LA300EVK

Maintenance-free 24 V operator for residential swing gates with up to 3 meter wide leaf. Modern design combined with powerful technology.

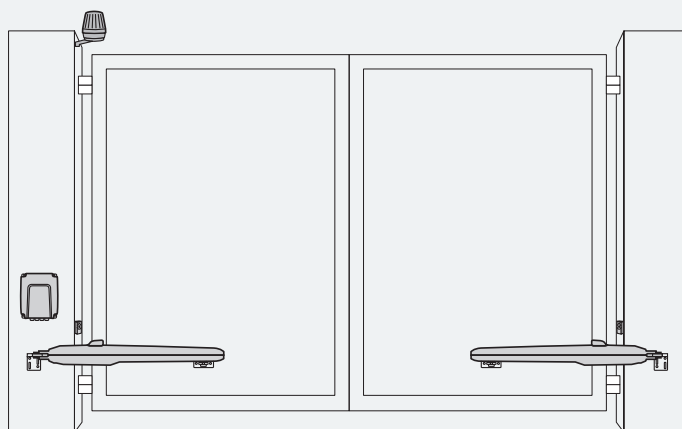


- 300 kg max. door leaf weight per wing
- 3 m max. door leaf width per wing
- 120° max. door opening
- Factory pre-fitted adjustable internal operator hard stops



### Popular features

- SMART HOME - myQ compatible operation via smartphone enabled
- Reliable 24V DC motor
- Easy setup and programming
- 3 band multi-frequency radio
- Low standby consumption
- Optional backup battery\*



Application: Swing gate

### Content basic kit LA300EVK

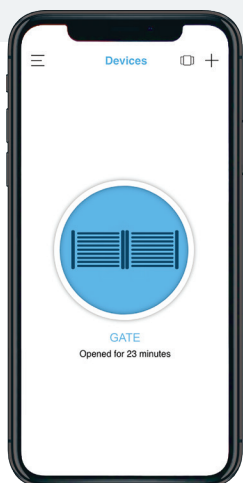
- 2x 24 V swing gate operator
- 2x 4-channel 868 MHz remote control (TX4EVF)
- 1x control board factory preset to required application type. Incl. transformer and built-in radio module (CB324EV)

### Extended kits

| Content  | Kit no.     |
|--|-------------|
| Basic kit + infrared photocells (772E-01)                            | LA300EVK-01 |
| Basic kit + flashing light (FLA1LED)                                 | LA300EVK-02 |
| Basic kit + infrared photocells (772E-01) + flashing light (FLA1LED) | LA300EVK-03 |

Please visit [liftmaster.eu](http://liftmaster.eu) for full contents list.

\* Limited functionality in battery back-up operation



### myQ Smart home technology

Monitor and control your drive way gate and LiftMaster EV garage door or myQ LED from anywhere. Get real time notifications, set schedules and share the app with up to five family members and friends.

Never wonder if your gate is left open again.

#### Required accessories for myQ operation

- Internet gateway (828EV)
- Infrared photocells (772E-01)



## Technical specification

|                          |   |                     |                                   |
|--------------------------|---|---------------------|-----------------------------------|
| Input voltage/frequency  | 220-240 V AC / 50/60 Hz                 | Standby consumption | 4.2 W                             |
| Motor voltage            | 24 V DC                                 | Limit switch system | Hardstops                         |
| Pull force               | 1500 N                                  | Working temperature | -20°C to +55°C                    |
| Max. wing width/weight   | 2 m/300 kg, 2.5 m/250 kg,<br>3 m/200 kg | Ingress protection  | IP 44 (motor)                     |
| Max. opening angle       | 120°                                    | Radio frequency     | 868 MHz range, 433 MHz range, myQ |
| Max. cycles per hour/day | 10/30                                   | Code                | Security+ 2.0                     |
| Time to open to 90°      | <15-18 s                                | Homelink            | Compatible                        |

## Functions

|                           |  |
|---------------------------|--|
| Smartphone control (myQ)* | Enabled  |
| Battery backup**          | With optional battery kit (490EV)<br>(2 x 12V lead acid batteries) |
| Control board             | External   |
| Max. nr. of remotes       | 180 remotes  |

### Control board functions and connectors:

Automatic force learning, automatic force reversal, soft start/soft stop, force adjustment, speed adjustment, partial opening, timer to close, integrated radio module, 24VDC accessory output, flashing lamp, external input (max. 3), e-lock, magnetic lock, safety edge (8.2 K), external relay, IR's (max. 3), LED display for programming, password protection, maintenance counter.

## Connectable accessories

|                           |  |
|---------------------------|--|
| myQ Accessories           | myQ gateway (828EV)  |
| Radio Accessories 433 MHz | 4 channel transmitter (TX4UNIS), 4 channel transmitter (TX4UNIF), two button wireless wall control for internal use only (128EV), wireless keypad (747EV, 850EV, 780EV)                            |
| Radio Accessories 868 MHz | 4 channel transmitter (041ATX4EVF), 4 channel transmitter (TX4EVS)   |
| Safety Accessories        | IR (772E-01), flashing light (FLA1-LED), 8.2 KOHM safety edge, 2 x 12V lead acid batteries (490EV)   |
| Other Accessories         | Key switch (flush mounting 100034, surface mounting 100041), hardstop (low 203315, high 203322), E-Lock 24V (600024), mechanical locking for double swing gates (203339), antenna kit (SWG-ANT-EV) |

\*Requires usage of a myQ gateway and a presence detecting device (IRs)  
\*\* Limited functionality in battery back-up operation

## Dimensions

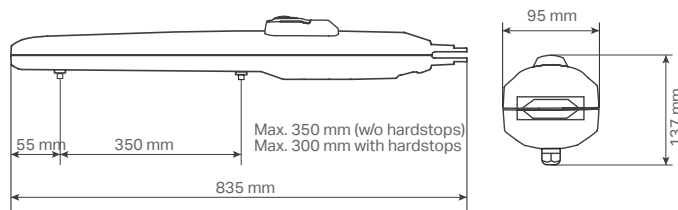
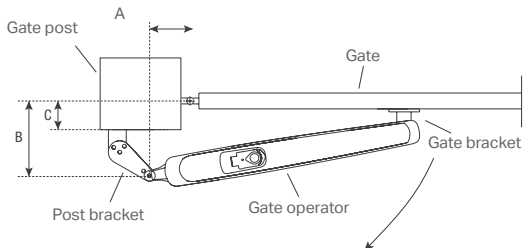
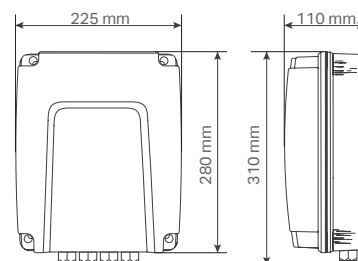


Table 1: With internal hardstop, using max travel 300 mm

| mm | A   |      |      |      |      |      |
|----|-----|------|------|------|------|------|
|    | 100 | 120  | 140  | 160  | 180  |      |
| B  | 100 | n.a. | 110° | 105° | 105° | 100° |
|    | 120 | 110° | 110° | 100° | 95°  | 95°  |
|    | 140 | 100° | 100° | 100° | 90°  | 80°  |
|    | 160 | 95°  | 95°  | 90°  | 85°  | 75°  |
|    | 180 | 90°  | 90°  | 80°  | 75°  | 70°  |

Table 2: Without internal hardstop, using max travel 350 mm

| mm | A   |      |      |      |      |      |
|----|-----|------|------|------|------|------|
|    | 100 | 120  | 140  | 160  | 180  |      |
| B  | 100 | n.a. | 120° | 120° | 120° | 120° |
|    | 120 | 115° | 115° | 115° | 110° | 100° |
|    | 140 | 105° | 110° | 110° | 105° | 100° |
|    | 160 | 100° | 100° | 100° | 95°  | 90°  |
|    | 180 | 95°  | 95°  | 95°  | 90°  | 85°  |



## For purchase and professional installation

LiftMaster.eu

### For partners

Contact your LiftMaster Representative

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