

**12**  
VOLT

## GATE OPERATOR **EASY<sub>12</sub>**

For gate leaves up to 2,3 m

### **650EASY12 DX**

12 V electromechanical gate operator with encoder.  
Right Hand operation. Maximum gate leaf 2,3 m

### **650EASY12 SX**

12 V electromechanical gate operator with encoder.  
Left Hand operation. Maximum gate leaf 2,3 m

#### **Features:**

- residential use
- for gates leaves up to 2,3 m
- low voltage DC gate operator
- optical encoder technology
- electromechanical motor

#### **Pros:**

- compact size
- ideal for big posts
- obstacle detection and crush prevention
- in accordance with EN 12445-12453 standards
- works even during power outage thanks to the optional backup battery
- fast operating speed
- intensive use, ideal for use on apartment buildings and public entrances
- external emergency release available (optional, P/N 650ESE)



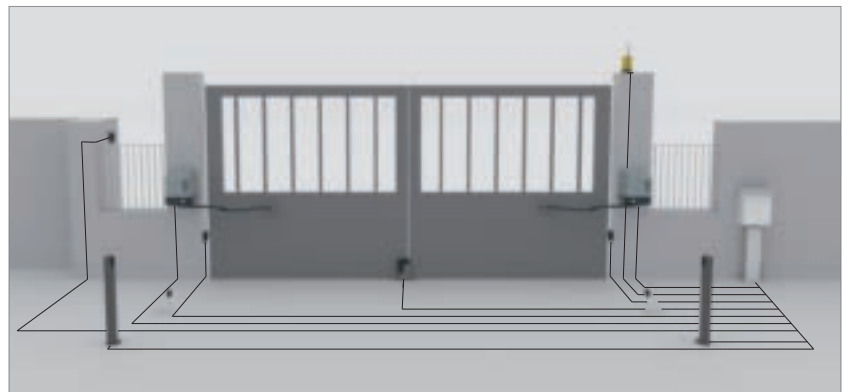
#### **Manual release**

Easy-to-operate manual release with key lock for the less skilled users. Optional external emergency release device



#### **Technical features**

	<b>EASY12</b>
Power supply	230 V AC (50 - 60 Hz)
Motor power supply	18 V DC
Absorption	0,8 A
Absorbed power	15 W
Opening time 90°	10 sec.
Duty cycle	100 %
Max. torque	157 Nm
Operating temperature	-20° C ÷ +55° C
Motor thermal protection	-
Degree of protection	IP 44



The above represented installation does not include safety devices such as safety edges. Their addition depends upon the risk assessment made on any installation in accordance with EN 12445-12453 standards.



### EASYKIT03T

Complete double arm automation kit for gates up to 2,3 + 2,3 m, with two 650EASY12 gate operators

#### Accessories included in the kit:



900OPTIC



750D747M



250RXDC2



300T-KEY  
aluminium +  
LED TSL



250ANTD



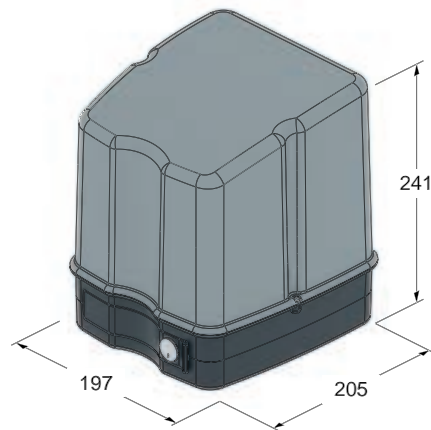
900LAMP4



250K-SLIMRP



C-CRT



#### Accessories



**650ESE**  
External emergency release device with tamper-proof housing and 5 m cable



**M-030000CC50**  
Multicore cable (2 x 2.5 sq.mm + 3 x 0.5 sq.mm)



**750D747M**  
Electronic control unit for one or two 12 V gate operators with encoder, complete with transformer and enclosure



**700GS5**  
Weatherproof cable connector for 5-core 12 V cable



**200BATT**  
12 Volt Battery, 7,2 Ah



**650ESV1-2**  
Electric lock (1 = left hand opening – 2 = right hand opening)



**750SCB12**  
Battery charger (optional)



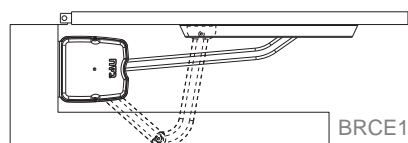
**700BAP2**  
Gate stopper wall/floor mount



**650BRCE1**  
Straight arm with driving track



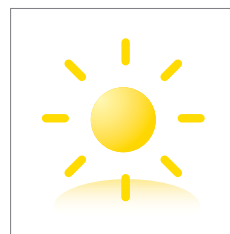
**C-TARG**  
Aluminium CE Mark Label, self adhesive



Use only M-030000CC50 cable or equivalent



\*They refer to leaves with openings and not totally closed panels.



**Solar power**  
Thanks to the Photovoltaic (PV) Technology, every low voltage DC gate operator can be solar powered. Discover the advantages of the solar energy at page 124



**Further accessories:**  
Transmitters page 104  
Photocells page 110  
Flashing lights page 113

# GATE OPERATOR

# EASY<sub>QR</sub>

For gate leaves up to 2,3 m

## 650EASY DX

230 V electromechanical gate operator. Right Hand operation. Maximum gate leaf 2,3 m

## 650EASY SX

230 V electromechanical gate operator. Left Hand operation. Maximum gate leaf 2,3 m

## 650EASYQR DX

230 V electromechanical gate operator complete with electronic control unit and built-in 433,92 MHz radio receiver. Right Hand operation. Maximum gate leaf 2,3 m

## 650EASYQR SX

230 V electromechanical gate operator complete with electronic control unit and built-in 433,92 MHz radio receiver. Left Hand operation. Maximum gate leaf 2,3 m



### Features:

- residential use
- for gates leaves up to 2,3 m
- 230 V gate operator
- electronic control unit with built-in 433,92 MHz radio receiver (EASYQR)

### Pros:

- compact size
- easy and intuitive installation
- ideal for big posts
- external emergency release available (optional, P/N 650ESE)

### Technical features

	EASYQR	EASY
Power supply	230 V AC (50 - 60 Hz)	
Motor power supply	230 V AC	
Absorption	1,5 A	
Absorbed power	275 W	
Opening time 90°	16 sec.	
Duty cycle	32 %	
Max. torque	160 Nm	
Operating temperature	-20° C ÷ +55° C	
Motor thermal protection	150° C	
Degree of protection	IP 44	



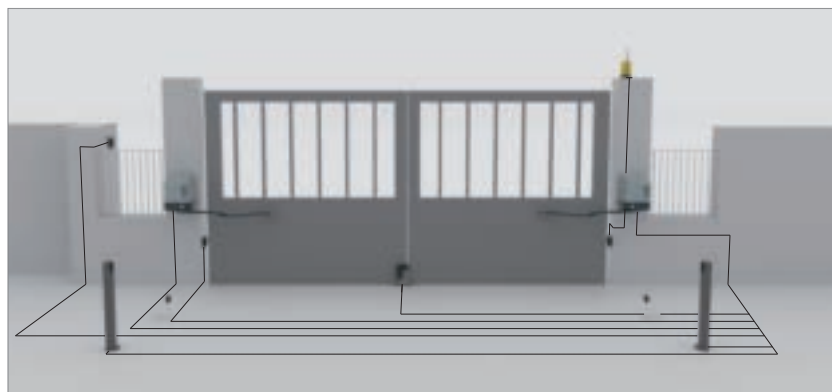
### Manual release

Easy-to-operate manual release with key lock for the less skilled users. Optional external emergency release device



### Protected Control Board

The electronic control unit – with built-in radio receiver - is well protected within its plastic shell



The above represented installation does not include safety devices such as safety edges. Their addition depends upon the risk assessment made on any installation in accordance with EN 12445-12453 standards.



## EASYKIT02T

Complete double arm automation kit for gates up to 2,3 + 2,3 m, with one 650EASYQR and one 650EASY gate operators

### Accessories included in the kit:



900OPTIC



300T-KEY  
aluminium +  
LED TSL



250ANTD



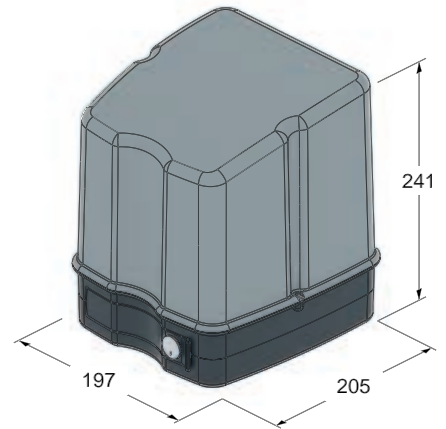
900LAMP3



250K-SLIMRP



C-CRT



### Accessories



650ESE  
External emergency release  
device with tamper-proof  
housing and 5 m cable



700BAP  
Gate stopper for heavy  
leaves



700GS3  
Weatherproof cable  
connector for 3-core 230 V  
cable



700BAP1  
Gate stopper for light leaves



650ESV1-2  
Electric lock (1 = left hand  
opening – 2 = right hand  
opening)



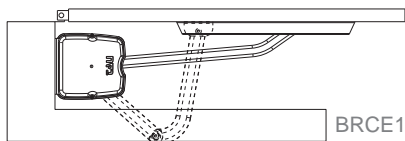
700BAP2  
Gate stopper wall/floor  
mount



650BRCE1  
Straight arm with driving  
track



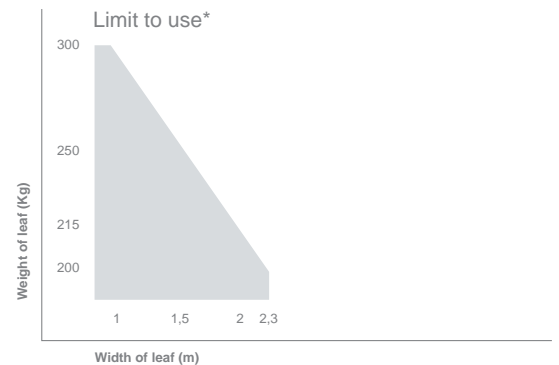
C-TARG  
Aluminium CE Mark Label,  
self adhesive



BRCE1



S-650D727M00  
Electronic control unit  
(replacement board)



\*They refer to leaves with openings and not totally closed panels.



**Further accessories:**  
Transmitters page 104  
Photocells page 110  
Flashing lights page 113