G-Bat

230 V 24 V G-WAY BUS ENV PATENT

CE

use PROcoder to get maximum safety

MOTOR FOR SWING GATES

- Available versions: 230V and 24V
- The 24V model is standard equipped with ENV function (Virtual Encoder) - **PATENT**
- Leaves up to 3 m (230V and 24V) and 4 m (only 230V)
- G-WAY system in 24V version (with Brain 15 Control Board)or in 230 V version (with Brain 17 Control Board)
- **PRO-CODER** Safety System (with Brain 17 Control Board)
- Easy release through a user friendly lever
- Sturdy inner kinematic mechanism made of a bronze crown and steel worm-screw
- Opening and closing slow down available in both versions
- Possibility of adding a rod cover housing.

Code	Name	Version	Voltage	Leaf max. length	Use
6170026	G-Bat 300 RH	Non-reversible right	230V	3 m.	Residential
6170027	G-Bat 300 LH	Non-reversible left	230V	3 m.	Residential
6170030	G-Bat 400 RH	Non-reversible right	230V	4 m.	Residential
6170031	G-Bat 400 LH	Non-reversible left	230V	4 m.	Residential
6170038	G-Bat 324 ENV RH	Non-reversible right	24V	3 m.	Residential
6170039	G-Bat 324 ENV LH	Non-reversible left	24V	3 m.	Residential

OPERATOR DIMENSIONS

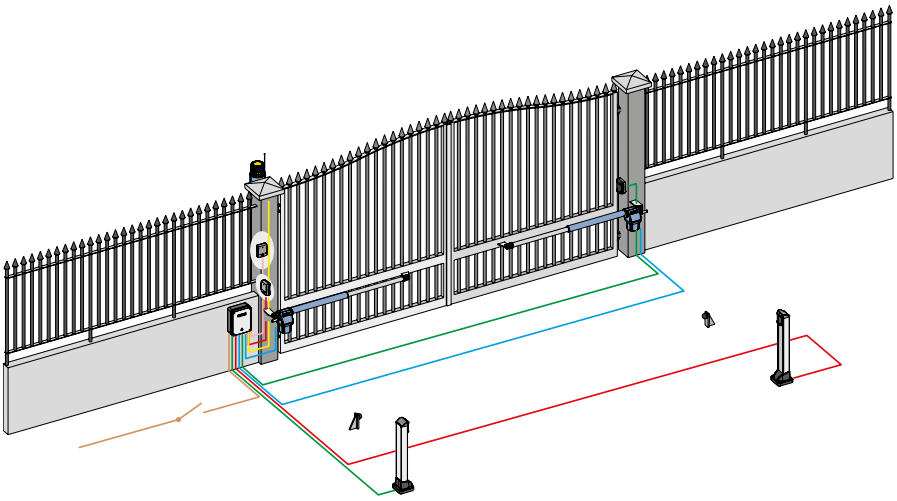
Technical Specifications	G-Bat 300	G-Bat 400	G-Bat 324 ENV
Power supply (V)	230		230
Electric motor (V)	230		24
Nominal power (W)	280		35
Current (A)	1.2		-
Thermal Protection (°C)	140		-
Thrust capacitor (µF)	8		-
Thrust (daN)	350		150
Travel (mm)	300	400	300
Max. speed (cm/sec.)[1]	1.6		2.1
Frequency of use at 20 °C	S3 - 30%		Continuous
Operating ambient temperature (°C)	-20 +55		
Protection class	IP54		
Weight (kg)	6.5	7	7.5

1 - The max. rod exit speed can change according to the weight and friction of the gate.
Over 2.5 m, an electric lock is essential to ensure leaf blocking.

CONTROL BOARDS

Brain 17 Page 66
Brain 592 Page 66
Brain 15 Page 67

ELECTRIC WIRING DIAGRAM



- Line . . . . . .3x1,5 mm²
- Motor*. . . . . .4x1,5 mm²
- Flashing lamp . . . . .2x1,5 mm²
- Selector . . . . . .2x0,5 mm²
- TX photocells . . . . .2x0,5 mm²
- RX photocells . . . . .4x0,5 mm²

* For 24Vdc motors, use 2x2.5 mm² cables - max. distance between motor and control unit 10 m, provide a cable for encoder of 3x0.5 mm²

TYPICAL INSTALLATION EXAMPLE

Q.ty	Material description	Part number
1	G-BAT 300 Motor RH	6170026
1	G-BAT 300 Motor LH	6170027
1	Electronic Control Board BRAIN 592	JA592
1	RC 433 one-channel receiver	6100110
1	Electronic Control Board Enclosure	JA320
1	Four-Channel Transmitter ECHO TX4 RC	6100334
1	230V GUARD Flashing Lamp	6100052
1	VEGA Photocells	6100147
1	QUICK 1 key-operated selector for outdoor use	JA31101-15

Material to add in order to get the configuration as per Wiring Diagram

Q.ty	Material description	Part number
1	Pair of ORION photocells	JA310
2	Column for photocell	JA325
2	Foundation plate for column	JA328

ACCESSORIES

PLATE
Kit of 6 fixing plates.
110x70x5 mm.

Code **58P0199**

BRACKET
Kit of 6 rear brackets h. 160 mm.

Code **6100253**

BRACKET
Kit of 6 rear brackets h. 130 mm.
NOT for 324 ENV

Code **6100043**

BATTERY KIT
With recharging board.
Only for 24V models

Code **6100144**

CARTER KIT
2 Rod cover casing
For G-BAT 300 and 324 ENV

Code **6100254**

PROcoder G-BAT*

Code **6100324**

*To be used with Brain 15 or Brain 17 electronic control boards.