

AG-GDO SERIES

Advanced Garage Door Operator

Smooth motion, dependable safety logic and flexible control interfaces for modern sectional garage doors.



COMPACT OVERHEAD DRIVE UNIT

220-240 V AC

INPUT SUPPLY

600-1200 N

PULLING FORCE

Up to 16 m²

DOOR AREA

433.92 MHz

ROLLING-CODE RADIO

ONE PLATFORM. FOUR POWER LEVELS.

Choose the force rating that matches the verified door area and operating condition.

- AG-GDO600
- AG-GDO800
- AG-GDO1000
- AG-GDO1200



INTELLIGENT CONTROL. SAFER MOVEMENT.

The AG-GDO platform combines controlled door travel, obstacle response and practical connection points in one compact operator.

CONTROLLED DOOR TRAVEL

Soft acceleration and deceleration help reduce abrupt mechanical loading during opening and closing.



01 Soft start / soft stop

Progressive movement for a smoother opening and closing cycle.

02 Electronic limit

Electronic end-position setting for controlled travel limits.

03 Overload force detection

Monitors resistance during movement and supports safer control.

04 Fast automatic reverse

Reverses promptly when an obstruction condition is detected.

05 Low-voltage protection

Protective logic for abnormal low-voltage conditions.

06 Manual release

Allows manual door operation during a mains power failure.

07 Automatic closing

Configurable automatic closing function where appropriate.

08 Backup battery connector

Prepared connection for a compatible backup battery.

09 Wall switch connector

Dedicated input for a compatible local wall switch.

10 Photocell connector

Interface for a compatible safety photocell.

11 Optional flash-light output

Connection provision for an optional warning light.

12 Optional pass-door protection

Input for pass-door / wicket-door protection where fitted.

13 External fuse

Accessible protective fuse provision for serviceability.

14 O / S / C controls

Local Open / Stop / Close push-button control.

TECHNICAL DATA

Four force ratings on a common control platform.

Parameter	AG-GDO600	AG-GDO800	AG-GDO1000	AG-GDO1200
Input voltage	220-240 V AC, 50/60 Hz	220-240 V AC, 50/60 Hz	220-240 V AC, 50/60 Hz	220-240 V AC, 50/60 Hz
Power input	200 W	235 W	245 W	260 W
Maximum pulling force	600 N	800 N	1000 N	1200 N
Lamp	LED	LED	LED	LED
Light time	3 minutes	3 minutes	3 minutes	3 minutes
Coding type	Rolling code	Rolling code	Rolling code	Rolling code
Radio frequency	433.92 MHz	433.92 MHz	433.92 MHz	433.92 MHz
Working temperature	-20°C to +40°C	-20°C to +40°C	-20°C to +40°C	-20°C to +40°C
Relative humidity	< 90%	< 90%	< 90%	< 90%
Maximum door area	10 m²	12 m²	14 m²	16 m²
Remote capacity	20	20	20	20

QUICK MODEL SELECTION

AG-GDO600

600 N

Max. door area: 10 m²

Power input: 200 W

AG-GDO800

800 N

Max. door area: 12 m²

Power input: 235 W

AG-GDO1000

1000 N

Max. door area: 14 m²

Power input: 245 W

AG-GDO1200

1200 N

Max. door area: 16 m²

Power input: 260 W

ENGINEERING SELECTION NOTE

Maximum door area is a selection reference, not a substitute for site verification. Confirm the actual door dimensions, weight, spring balance, track condition, operating resistance and required duty before final model selection. The door must be correctly balanced and mechanically sound before automation.

SYSTEM INTEGRATION

Prepared for essential local controls, safety devices and optional accessories.

CONTROL & SAFETY INTERFACES

Connection availability based on compatible accessories and installation design.



INSTALLATION OVERVIEW



COMMISSIONING ESSENTIALS

- 01 Verify door balance**
Confirm smooth manual travel, spring balance and track condition.
- 02 Set electronic limits**
Program fully open and fully closed positions without mechanical binding.
- 03 Test safety reverse**
Validate obstacle response and adjust force only within safe operating limits.
- 04 Verify accessories**
Test photocell, wall switch, optional warning light and pass-door input.
- 05 Handover controls**
Test remotes, automatic closing and manual release; brief the end user.
- 06 Record final settings**
Document model, serial details, limits and verified safety functions.

INSTALLATION REQUIREMENT

Installation, wiring, force setting and safety testing must be completed by qualified personnel in accordance with the door manufacturer instructions and applicable requirements.