DUCATI®
HOME AUTOMATION

presents

Flexy

Motorization for sectional or overhead garage door openers





Advanced, interconnected and interactive

Flexy: it is the first motor for residential sectional and overhead garage doors with an absolute magnetic encoder and complete parameter management via smartphone.

It is part of the DUKAPP® automation system range, a family of advanced, intelligent, and interactive automation solutions.



Evolved, connected and interactive, ***Flexy*** offers a new way to interact with your automatic gate.

Its exceptional features make it an icon of style and technology, and its innovative functions, accessible directly from your smartphone, offer unparalleled comfort and freedom of use, while maintaining complete autonomy.

Remote communication with your motor is finally possible, simply and instantly.



DUKAPP

Quick opening

Flexy, Thanks to its powerful and fast 24V motors, it allows you to choose and adjust the operating speed to obtain optimal performance and opening speed.

Soft stop: advanced SOFT/STOP

At the end of the stroke, the speed decreases, releasing the dynamic force accumulated during the rapid movement and ensuring a smooth approach while preserving the kinematics of the movement.

Absolute precision

Flexy It is equipped with an innovative and unique absolute limit switch encoder system that allows you to know the exact position of the gate at all times, even in the event of manual operation following a power failure. The actual position of the gate leaf is constantly memorized, and no adjustments are required to recalculate the limit switch positions.

With ***Flexy***, setting the door's limit switch positions has never been easier.

All you need is your smartphone to do it easily, without touching the motor.

The app will guide you step by step through memorizing the door's opening and closing stop positions. During closing, contact with an obstacle reverses the direction of travel.

Compliant with European safety standard EN12456-2017





CE

DUO-WAY two-way communication system with intelligent feedback

With the DUKAPP® app, you can configure or change settings anytime from your smartphone, without having to access the motor or its circuit board.

In the event of an alarm or attempted tampering, you can activate alarms and receive notifications on your smartphone.

You can also monitor the gate's status in real time (open, closed, opening, or closing) and, for solar systems,
you can also monitor the battery charge level and the solar panel charge level.

DUKAPP





3 different order types to choose from

Flexy, lets you control your door via smartphone thanks to the dedicated DUKAPP app, available for Android and iOS. You can add multiple users and, if necessary, extend access to an unlimited number of people, making shared management simple and secure.
This also makes it ideal for multi-user environments, such as apartment buildings or multi-family residences with shared access points.



FULL OPENING

This button controls a complete opening and closing cycle. The operating cycle can be set to step-by-step or with a timed automatic reset.



ANTI-THEFT LOCK

This button is used to immediately close the door in the event of potential danger, to prevent an intruder from blocking its passage in front of the photocells.



EMERGENCY STOP

In an emergency, movement can be stopped at any time.
The door locks immediately until a new command is received.

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*Wi-Fi compatibility, number of administrators and users, and Android/iOS compatibility may vary depending on the software version and app updates.

Please check the current version and its features before purchasing.



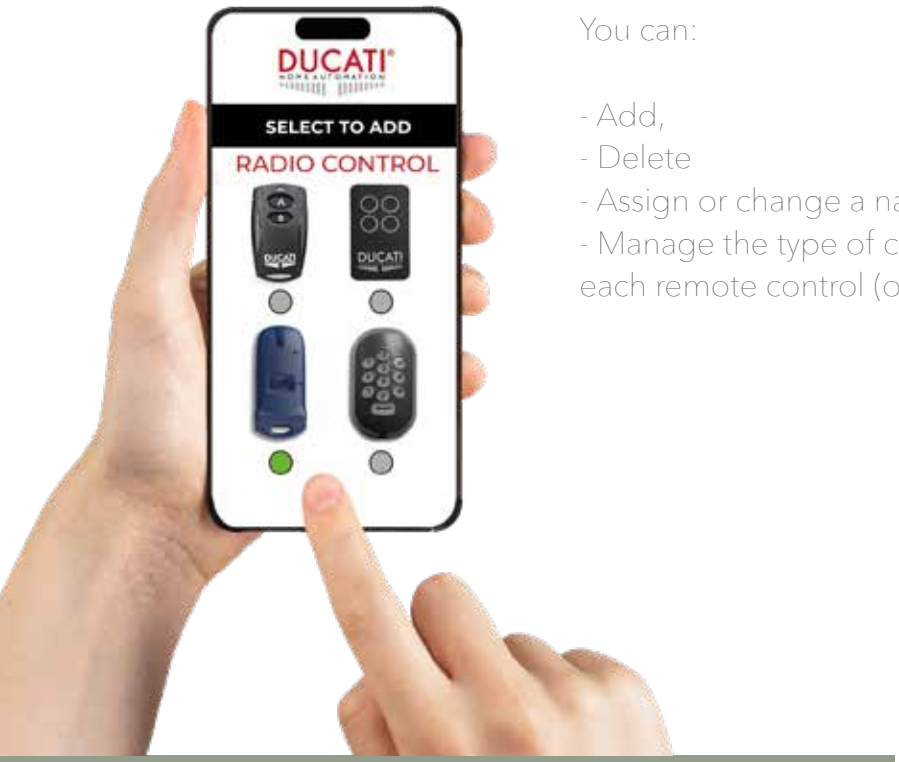
State-of-the-art electronics, fully remotely managed

Flexy, integrates cutting-edge electronics into the DUCOSMART system for integrated multi-connectivity and bidirectional data transmission. Once the motor is installed, no modifications to the control board are necessary. You can control everything from your smartphone and even check the status of your settings via notifications.

Thanks to the integrated radio receiver and antenna, it receives radio commands perfectly, even without external modules.

Adding or deleting remote controls has never been easier.
Without accessing the gearmotor's control board, you can manage remote controls directly from your smartphone app.

Add, delete and configure remote controls directly from the app.



You can:

- Add,
- Delete
- Assign or change a name to each remote control used
- Manage the type of command assigned to each button on each remote control (open, stop, or lock/anti-theft)

DUKAPP





100% autonomous thanks to solar energy

Flexy. is available as a complete kit with solar power via a photovoltaic panel and rechargeable battery.

This product is the result of over 30 years of Ducati Home research and development in the design of automation systems featuring high-performance, energy-efficient electric motors.

An advanced electronic control system optimizes battery charging via the solar panel and ensures long operating times, even in winter.

Flexy 1200 SOLAR

Powerful 24V motor with 120kg traction force, fully autonomous, battery powered with photovoltaic solar panel and an advanced battery management system with equalization of the charge level of each battery.







Low energy consumption = high autonomy and reliability

Thanks to low standby power consumption, solar panel power ensures high autonomy and reliability. Ducati is the only company to achieve these levels of energy efficiency. For over 20 years, it has been a pioneer in the production of solar motors, with over 300,000 systems installed worldwide.

Power source versatility

Flexy is versatile and offers four different power supply configurations:

1. Mains power via a 230V/110V 50/60Hz network with toroidal transformers

2. Mains power via a 230V/110V 50/60Hz network + 2 backup batteries for autonomous operation in the event of a power outage.

3. 100% solar power via a solar panel and batteries, without a connection to the mains.

4. 100% solar power + grid connection via a toroidal transformer: ideal for regions with irregular sunlight. In this case, the motor intelligently selects the energy source; in the absence of sunlight, charging is provided by the mains, while in optimal solar conditions, it is provided by the solar panels.

DUKAPP

Remote monitoring of system load level

From your smartphone you can monitor at any time the level of energy stored in the batteries and the amount of energy your solar panel is charging.





DUKAPP



Multi-device and multi-user use
All in one app: DUKAPP®





MULTI-DEVICE

Dukapp is the app that lets you manage multiple motors: if you have multiple garages or want to control a DUCKAPP gate opener, simply select the device you want to manage.
From the app, you can switch between devices with a single click.
Each motor can be associated with a name and an image or photo for quick identification.





ADMINISTRATOR - MULTI ADMIN

The administrator can share their access and management rights with another person, who automatically becomes a second system administrator.
The administrator can connect to the engine wirelessly via Bluetooth or Wi-Fi (depending on the available versions).

To access the engine management system, you will need:
the device's ID code and a unique access PIN.
The administrator can:

- Change all operating parameters
- Activate the motor lock during vacation periods
- Reset the limit switches
- Download software updates to update the device's firmware
- Activate, suspend, or delete users
- Register new remote controls, assigning a name and function to each button
- Modify the settings of previously registered remote controls
- Deactivate remote controls
- Control the gate motor via smartphone
- MMonitor the gate's status, the number of cycles performed, the power supply (power supply and/or battery charge level), and the amount of energy charged by the solar panel
- Receive notifications of malfunctions or other motor-related issues
- Allow notifications to be sent to users
- Activate the alarm and receive notifications in the event of an alarm
- Choose your language



To share only the ability to manage commands and monitor the gate status, the administrator can grant USER access to an unlimited number of users.



MULTI-USER

The user can:

- Control your gate motor via smartphone
- Monitor the gate's status, the number of operations performed, the power supply (mains and/or battery charge level), and the amount of energy charged by the solar panel
- Receive notifications of malfunctions or other issues related to the gate motor
- Choose your language

This is Flexy's electronic brain, which you can communicate with from your smartphone!



Settings available on the Dukapp application

Operating modes:

Step-by-step closing
Automatic closing
Semi-automatic closing
Safety deactivation
Vacation lock

Setting the automatic closing delay

Adjustable door open delay before automatic closing

Maximum speed adjustment

Adjustable maximum acceleration speed

Minimum speed setting (SOFT STOP)

Adjustable approach speed to the limit switch

Adjusting obstacle detection sensitivity

More or less sensitive to obstacle detection

Activating the additional power saving system

Active-Inactive

Alarm system activation

Audible alarm
Visual alarm
Steady or flashing light

Courtesy lighting. Garden lighting

You can activate/deactivate the courtesy lighting and adjust the duration of the lighting before it automatically turns off.

Activation/deactivation of photocells during opening

Active-Inactive

Activation/deactivation of closing photocells

Active-Inactive

Enabling/disabling wired outputs for the physical emergency stop button

Active-Inactive

Enabling/disabling wired outputs for the emergency stop button

Active-Inactive

Operating mode selected based on applicable anti-crushing safety regulations in the territory

EN12453-2017
EN12453
EXTRA UE

Efficient and powerful 24V DC gearmotors, entirely manufactured in an Italian factory

Double-enamelled copper rotor winding, Class H.

Gearmotor with 1:80 reduction, 1.25 module.

Helical worm gear reducer.

Intensive continuous operation, 24V, 300W. Instant start-up and maximum torque even at low temperatures.

No risk of motor overheating, even during intensive and continuous use at high temperatures.

Maximum precision in thrust control and full compliance with current anti-pressure safety standards EN12453 and EN12445.





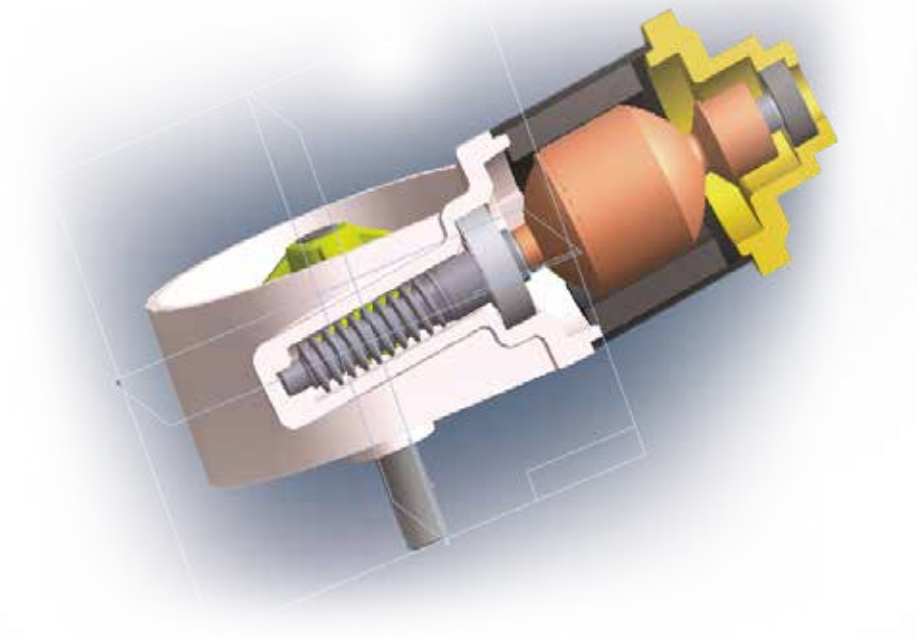




Flexy è una scelta di comfort, sicurezza e affidabilità nel tempo

A motor designed for durability and high reliability.

The gearmotor is specifically sized and designed to ensure safe operation, even during continuous operation and in all weather conditions.
The 4-wire reinforced steel belt drive ensures quiet operation and smooth, controlled movement.





Belt drive



Chain drive



INTEGRATED ALARM

WITH SMARTPHONE NOTIFICATION

Flexy is the only garage door opener with a built-in alarm system:

By activating the alarm via the DUKAPP app, the infrared safety photocells positioned outside the garage become alarm detectors.

If an intruder approaches the garage door, the alarm goes off immediately.

You can add a siren or activate the alarm lighting.

In addition, in Wi-Fi-connected systems, the operator sends a notification to warn of danger even before the door is forced open.

The active alarm includes:
- an audible siren
- a warning light





Receive a notification on your smartphone in real time!

The alarm system activates as soon as someone approaches your door, even before they try to force it.

...and you can call emergency services immediately.



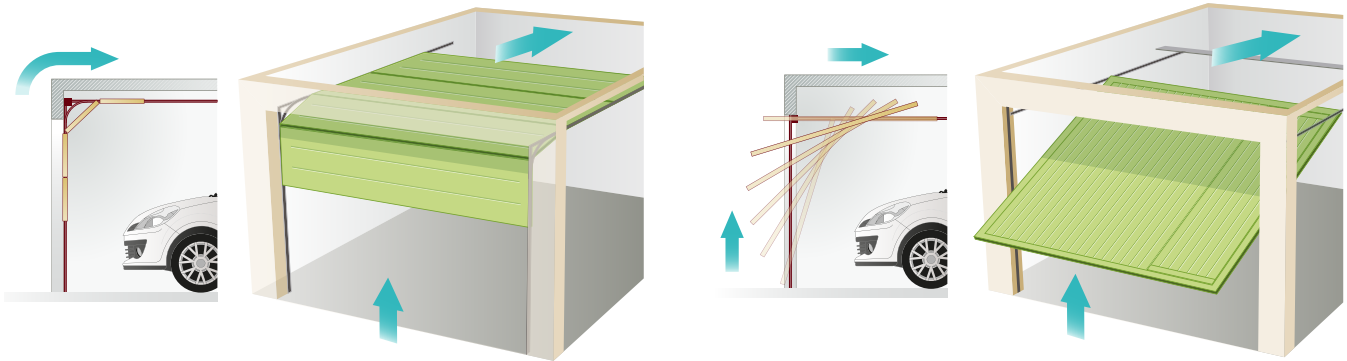
DUKAPP

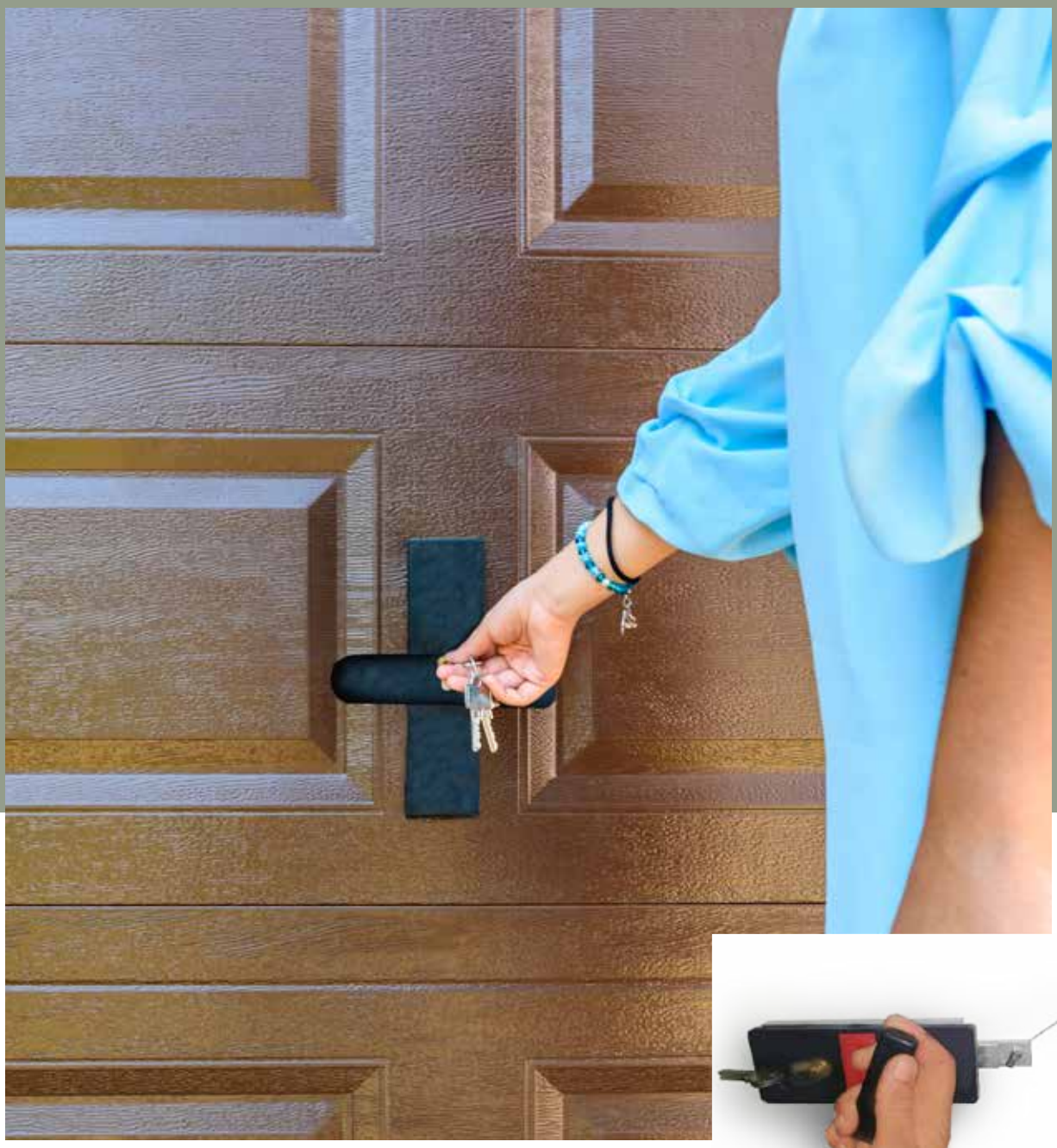


DUKAPP

Ideal for sectional or counterweighted doors

Flexy is suitable for sectional and overhead doors.
With a pulling force of 120 kg, it can operate even large residential doors, up to 3.5 m high and 6 m wide.





Emergency Manual Release

The ***Flexy*** system is always equipped with a special cable with a ring for connection to the garage door handle opening mechanism.

In an emergency, you can always manually release the towbar, whether inside or outside the garage, and open the door manually.



CODE ARTICLE COMPLETE KIT

Ref./item code	Engine	W	Tensile force	End of stroke	Trazione	Diet principal	Compatible with spare batteries	Compatible with solar panel power supply	Contents of the kit
Flexy 1200-S	24V cc	300	1200N	absolute encoder with setting via DUKAPP app	belt driven	Mains power supply 230V 50Hz with transformer included	√ Two 12V lead-acid/gel batteries, min. 7A	√ 1 x 24V min 20W max 40W or 2 x 12V min 20W max 40W connected in series	Complete gearmotor, DUKAPP electronic board, U-guide (total length 270 cm), radio receiver, toroidal transformer, manual clutch system, 1 remote control
Flexy 1200-C					in chain				
Flexy 1200-S SOLAR	24V cc	300	1200N	absolute encoder with setting via DUKAPP app	belt driven	Batteries recharged via solar panel	√ Two 12V lead-acid/gel batteries are included.	√ Two 12V panels (min 20W, max 40W) connected in series are included.	Complete gearmotor, DUKAPP electronic control board, U-guide (total length 270 cm), radio receiver, manual clutch system, 1 remote control, battery compartment; 2 solar panels, 2 batteries
Flexy 1200-C SOLAR					in chain				

CODE FOR OPTIONAL ACCESSORIES

Ref./item code	description
992012	Counterweight overhead door accessory
992013	90 cm extension for chain drive
992014	Mounting accessory for sectional doors
STILO6025	External antenna 433,92 MHz
SW7500/24V	Flashing 24 V
KOL7500	Set of columns with integrated photocells, height 70cm
LASER 500	Set of photocells for wall/pillar installation

Ref./item code	description
Key 5005	Key selector, 1 NO contact
6208	Ducati Rolling Code 433.92 MHz 4-button remote control
6203P	Telecomando Ducati Rolling Code 433,92 MHz a 2 pulsanti
SW6500	Ducati Rolling Code 433.92 MHz 2-button remote control
RIXY 6040	4-channel radio receiver with 100 memories
RIXY 6043	3-channel radio receiver with 100 memories, including 1 timed



DUKAPP

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