

# X-FAB

SOLEMYO OPERA BLUEBUS 24V

**For swing gates with leaves up to 2.3 m, underground installation, ultra compact.** Irreversible electromechanical 24 Vdc gear motor, ideal for intensive use.

**Sturdy and discreet:** compact foundation box with a height of only 81 mm. Steel with cathaphoresis paint finish guarantees optimal resistance to corrosion, and thickness of 2.5 mm guarantees strength. All this in just 52 mm of protrusion from the ground.

**Practical and quick installation** thanks to the exit lever on the gear motor attached directly on the leaf.

**Opening up to 180° as standard.**

**Reliable and sturdy:** the gear motor, in IP67 pressure die cast aluminium, suspended inside the housing to enable drainage of any deposits, ensures optimal water resistance.

Load-bearing foundation box with adjustable mechanical stops on opening and closing: the gear motor can also be installed later as required.

**Practical release** easy to operate from inside and outside, acting directly on the gear motor, easy to operate by means of the special key.

## XFAB2024, compatible with the control unit Moonclever MC424L, and for operation with Solemyo systems:

- simple programming via a single key;
- memorisation of opening and closing limit positions in self-learning mode;
- pause time programming;
- pass door;
- deceleration on opening and closing;
- obstacle detection;
- provision for connection of latest generation sensitive edges;
- operation in event of power failure by means of optional rechargeable batteries (PS124) with compartment in control unit.

## XFAB2124 with magnetic encoder, compatible with control unit Moonclever MC824H, with BlueBUS technology, and compatible for operation with Solemyo and Opera systems:

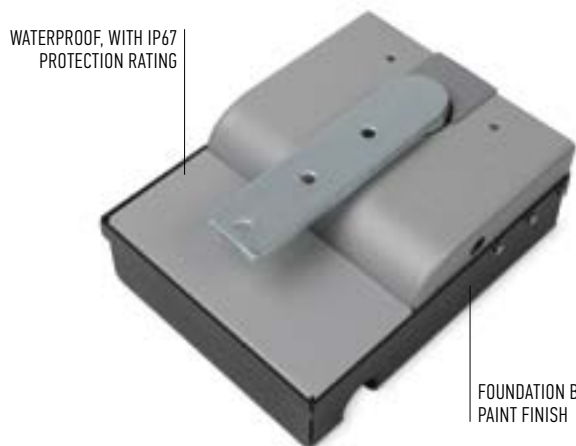
- simple programming via a single key;
- self-learning of opening and closing limit positions;
- automatic fault diagnostics;
- with output for courtesy light and maintenance indicator;
- speed settings on 5 levels;
- separate and configurable inputs for Step by Step, Open and Close;
- pause time programming;
- pass door;
- deceleration on opening and closing;
- obstacle detection with dual technology;
- provision for connection of latest generation sensitive edges;
- operation in event of power failure by means of optional rechargeable batteries (PS324) with compartment in control unit.

CODE	DESCRIPTION	PACK/PALLET
XFAB2024	IRREVERSIBLE, 24 Vdc	18
XFAB2124	IRREVERSIBLE 24 Vdc VERSION WITH MAGNETIC ENCODER	18
XFABBOX	EXTERNALLY FOUNDATION BOX, WITH CATAPHORESIS PAINT FINISH. COMPLETE WITH LEAF COUPLING LEVER AND MECHANICAL STOPS ON OPENING AND CLOSING	18

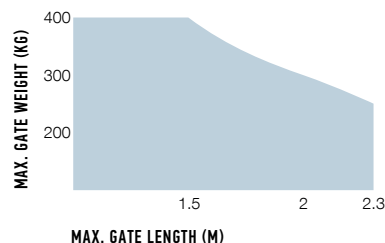
## TECHNICAL SPECIFICATIONS

CODE	XFAB2024	XFAB2124
<b>ELECTRICAL DATA</b>		
POWER SUPPLY (Vdc)	24	
ABSORPTION (A)	5	
POWER (W)	120	
<b>PERFORMANCE DATA</b>		
SPEED (rpm)	1.25	
TORQUE (Nm)	250	
WORK CYCLE (CYCLES/HOUR)*	60	
<b>DIMENSIONAL AND GENERAL DATA</b>		
PROTECTION LEVEL (IP)	67	
WORKING TEMP. (°C MIN/MAX)	-20° ÷ +50°	
DIMENSIONS (mm)	235x206x96.5 h	
WEIGHT (kg)	6	

\* The indicated value has to be halved if the opening is up to 180°.

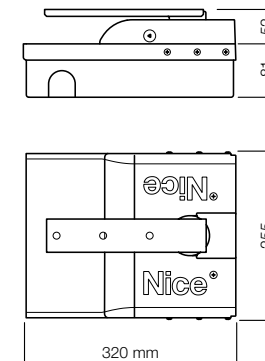


## UTILISATION LIMITS

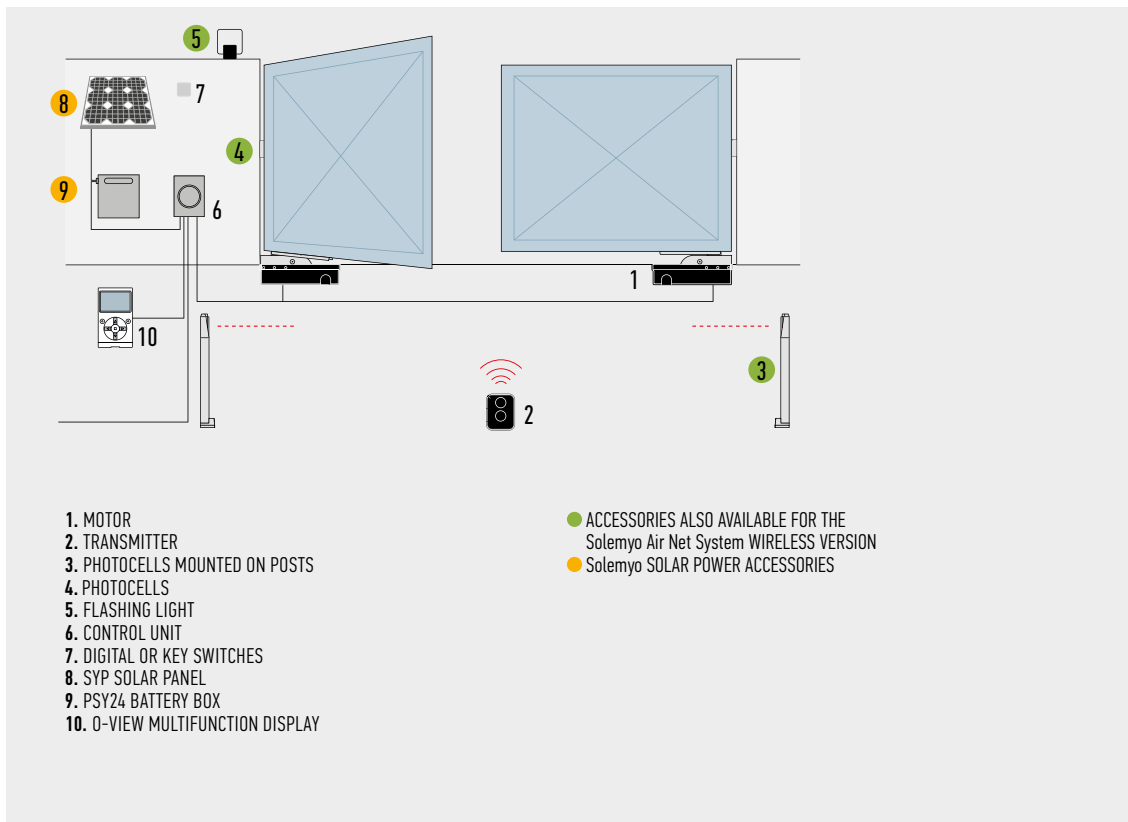


The shape, the height of the gate and the weather conditions can considerably reduce the values shown in the graph to the side.

## DIMENSIONS



## INSTALLATION DIAGRAM



## COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

CODE	CONTROL UNIT / RECEIVER							TRANSMITTER				PHOTOCELLS							FLASHING LIGHT									
	A01 / Built-in*	A02 / Built-in*	A6F / FLOX12R*	A700F / FLOX12R*	A60 / OXI-SMX1*	A500 / FLOX12R*	A924 / FLOX12R*	MC424L / OXI	MC824H / OXI	MC824HR / OXI	ERA INTI	ERA ONE	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	F210	FT210	F210B	FT210B	EL	EL24	ELB	WLT
XFAB2024							●			●	●	●	●								●	●				●		
XFAB2124								●		●	●	●	●				●	●	●				●			●	●	

\*Radio receiver incompatible with Opera system

## ACCESSORIES



**PS124**  
 24 V BATTERY WITH INTEGRATED BATTERY CHARGER FOR MC424L.  
 PC/PACK 1



**PS324**  
 24 V BATTERY WITH INTEGRATED BATTERY CHARGER FOR MC824H.  
 PC/PACK 1



**PLA10**  
 VERTICAL 12 V ELECTRIC LOCK.  
 PC/PACK 1



**PLA11**  
 HORIZONTAL 12 V ELECTRIC LOCK.  
 PC/PACK 1



**TS**  
 SIGNBOARD.  
 PC/PACK 1



**KIT SOLEMYO**  
 THE SOLAR POWER TO AUTOMATE GATES, GARAGE DOORS OR BARRIER GATES. SEE PAGE 200

# X-FABKIT 2024

SOLEMYO 24V

**For swing gates with leaves up to 2.3 m, underground installation, ultra compact.**  
Irreversible electromechanical 24 Vdc gear motor.

**Sturdy and discreet:** compact foundation box with a height of only 81 mm.  
Steel with cataphoresis paint finish guarantees optimal resistance to corrosion, and thickness of 2.5 mm guarantees strength. All this in a protrusion of just 52 mm from the ground.

**Practical and quick installation** thanks to the exit lever on the gear motor attached directly on the leaf.

**Mechanical limit switches** adjustable on opening and closing.  
**Opening up to 180° as standard.**

**Reliable and sturdy:** the gear motor, in IP67 pressure die cast aluminium, suspended inside the housing to enable drainage of any deposits, ensures optimal water resistance.

**Practical release** from inside and outside, acting directly on the gear motor, easy to operate by means of the special key.

**Moonclever control unit MC424L:**

- easy programming by pressing a single button;
- clutch with anti-crush safety feature;
- automatic memorization of limit switches on opening and closing with self-learning function;
- programming of pause time;
- pedestrian pass door;
- deceleration on opening and closing;
- obstacle detection;
- provision for connection of latest generation resistive sensitive edges;
- continues to work even during power failures using optional (PS124) batteries that fit inside the control unit.

**NEW** **The new Era Gate accessories,** with a minimal, modern and discreet design, renovate Nice kits' style and performance.  
Discover the complete range at page 184

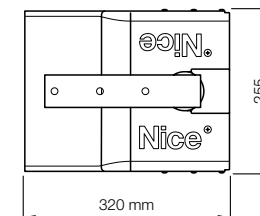
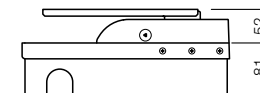
CODE	DESCRIPTION	PACK/PALLET
XFAB2024KCE	KIT FOR SWING GATES WITH LEAVES UP TO 2.3 m, 24 Vdc, UNDERGROUND INSTALLATION	12

**N.B.** The content of the package may vary; consult the retailer.

**TECHNICAL SPECIFICATIONS**

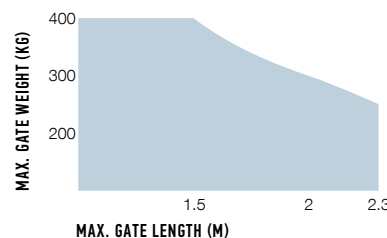
CODE	XFAB2024
<b>ELECTRICAL DATA</b>	
POWER SUPPLY (Vdc)	24
ABSORPTION (A)	5
POWER (W)	120
<b>PERFORMANCE DATA</b>	
SPEED (rpm)	1.25
TORQUE (Nm)	250
WORK CYCLE (CYCLES/HOUR)*	60
<b>DIMENSIONAL AND GENERAL DATA</b>	
PROTECTION LEVEL (IP)	67
WORKING TEMP. (°C MIN/MAX)	-20° ÷ +50°
DIMENSIONS (mm)	235x206x96.5 h
WEIGHT (kg)	6

**DIMENSIONS**



\* The indicated value has to be halved if the opening is up to 180°.

**UTILISATION LIMITS**



The shape, the height of the gate and the weather conditions can considerably reduce the values shown in the graph to the side.

**THE KIT CONTAINS:**

**XFAB2024**  
2 GEAR MOTORS.  
**XFABBOX**  
2 FOUNDATION BOXES.



**ON2E**  
1 TRANSMITTER 433.92 MHz,  
2 CHANNELS.



**MC424L**  
1 CONTROL UNIT WITH OXI  
PLUG-IN RECEIVER.



**NEW**  
**EPM**  
1 PAIR OF PHOTOCELLS  
FOR OUTDOOR INSTALLATION.



**NEW**  
**EKS**  
1 KEY SELECTOR SWITCH  
FOR OUTDOOR INSTALLATION.



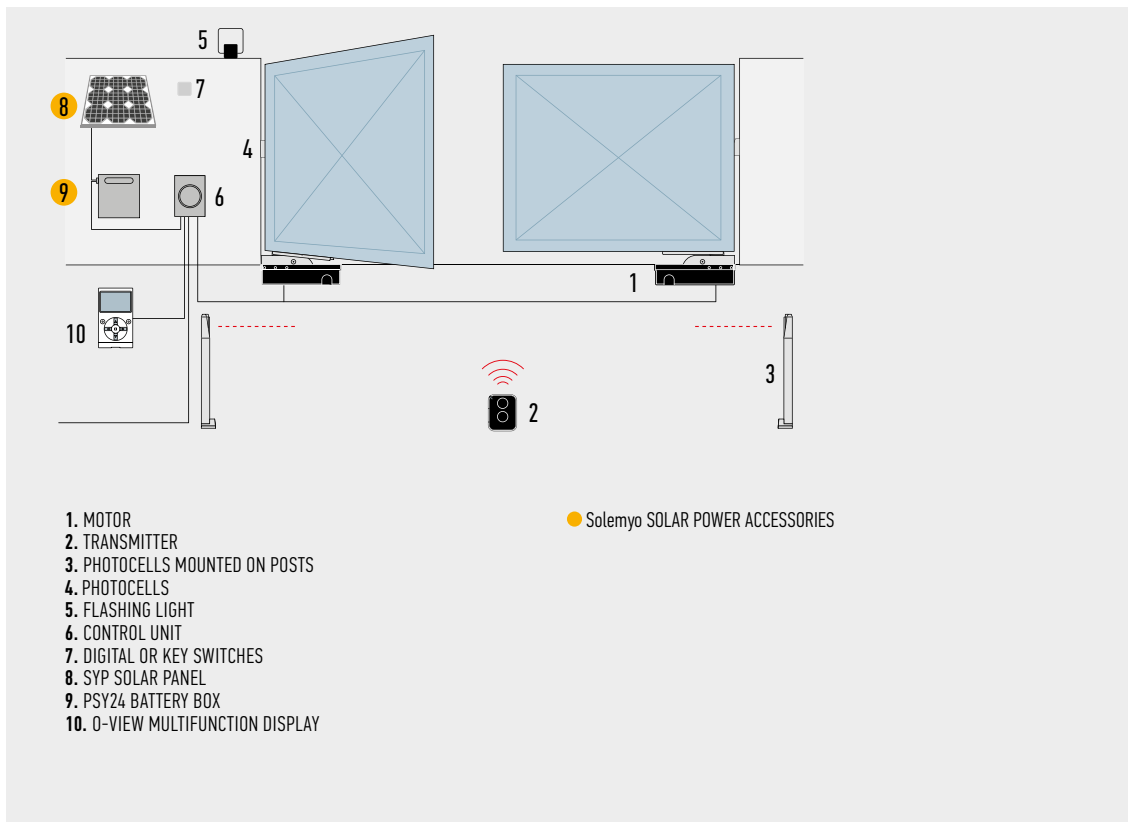
**NEW**  
**EL24**  
1 FLASHING LIGHT  
WITH INTEGRATED AERIAL.



**TS**  
1 SIGNBOARD.



## INSTALLATION DIAGRAM



Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

## ACCESSORIES



**PS124**  
 24 V BATTERY  
 WITH INTEGRATED  
 BATTERY CHARGER.  
 PC/PACK 1



**PLA10**  
 VERTICAL 12 V ELECTRIC  
 LOCK.  
 PC/PACK 1



**PLA11**  
 HORIZONTAL 12 V ELECTRIC  
 LOCK.  
 PC/PACK 1



**KIT SOLEMYO**  
 THE SOLAR POWER TO  
 AUTOMATE GATES, GARAGE  
 DOORS OR BARRIER GATES.  
 SEE PAGE 200

FOR SWING GATES

FOR SLIDING GATES

BARRIER GATE  
 OPERATOR SYSTEMS

FOR GARAGE  
 AND INDUSTRIAL DOORS

CONTROL SYSTEMS  
 AND ACCESSORIES

COMPATIBILITY TABLE  
 AND ALPHABETICAL INDEX

# X-FABKIT 2124

SOLEMYO OPERA BLUEBUS 24V

**For swing gates with leaves up to 2.3 m, underground installation, ultra compact.**

Irreversible electromechanical gear motor 24 Vdc with magnetic encoder.

**Sturdy and discreet:** compact foundation box with a height of only 81 mm.

Steel with cathaphoresis paint finish guarantees optimal resistance to corrosion, and thickness of 2.5 mm guarantees strength. All this in a protrusion of just 52 mm from the ground.

**Practical and quick installation**

thanks to the exit lever on the gear motor attached directly on the leaf.

**Mechanical limit switches** adjustable on opening and closing.

**Opening up to 180° as standard.**

**Reliable and sturdy:** the gear motor, in IP67 pressure die cast aluminium, suspended inside the housing to enable drainage of any deposits, ensures optimal water resistance.

**Practical release** from inside and outside, acting directly on the gear motor, easy to operate by means of the special key.

**Control unit Moonclever MC824H, with BlueBUS technology, and compatible for operation with Solemyo and Opera systems:**

- simple programming, by means of a single key;
- self-learning of opening and closing limit positions;
- automatic fault diagnostics;
- programming of pause time;
- pedestrian pass door;
- deceleration on opening and closing;
- obstacle detection with dual technology;
- operation in event of power failure by means of optional rechargeable batteries (PS324);
- provision for connection of latest generation resistive sensitive edges.



**The new Era Gate accessories,** with a minimal, modern and discreet design, renovate Nice kits' style and performance.

Discover the complete range at page 184

CODE	DESCRIPTION	PACK/PALLET
XFAB2124KCE	KIT FOR SWING GATES WITH LEAVES UP TO 2.3 m, 24 Vdc, UNDERGROUND INSTALLATION	12

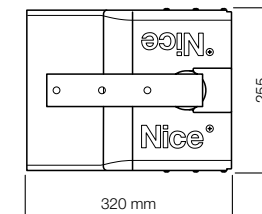
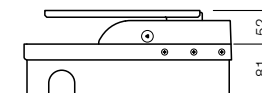
**N.B.** The content of the package may vary; consult the retailer.

## TECHNICAL SPECIFICATIONS

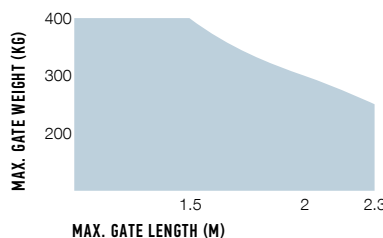
CODE	XFAB2124
<b>ELECTRICAL DATA</b>	
POWER SUPPLY (Vdc)	24
ABSORPTION (A)	5
POWER (W)	120
<b>PERFORMANCE DATA</b>	
SPEED (rpm)	1.25
TORQUE (Nm)	250
WORK CYCLE (CYCLES/HOUR)*	60
<b>DIMENSIONAL AND GENERAL DATA</b>	
PROTECTION LEVEL (IP)	67
WORKING TEMP. (°C MIN/MAX)	-20° ÷ +50°
DIMENSIONS (mm)	235x206x96.5 h
WEIGHT (kg)	6

\* The indicated value has to be halved if the opening is up to 180°.

## DIMENSIONS



## UTILISATION LIMITS



The shape, the height of the gate and the weather conditions can considerably reduce the values shown in the graph to the side.

## THE KIT CONTAINS:

**XFAB2124**  
2 GEAR MOTORS.  
**XFABBOX**  
2 FOUNDATION BOXES.



**ON2E**  
1 TRANSMITTER 433.92 MHz,  
2 CHANNELS.



**MC824H**  
1 CONTROL UNIT WITH OXI  
PLUG-IN RECEIVER.



**EPMB**  
1 COUPLE OF EXTERNAL  
PHOTOCELLS DESIGNED  
FOR CONNECTION BY NICE  
BLUEBUS.



**EKS**  
1 KEY SELECTOR SWITCH  
FOR OUTDOOR INSTALLATION.



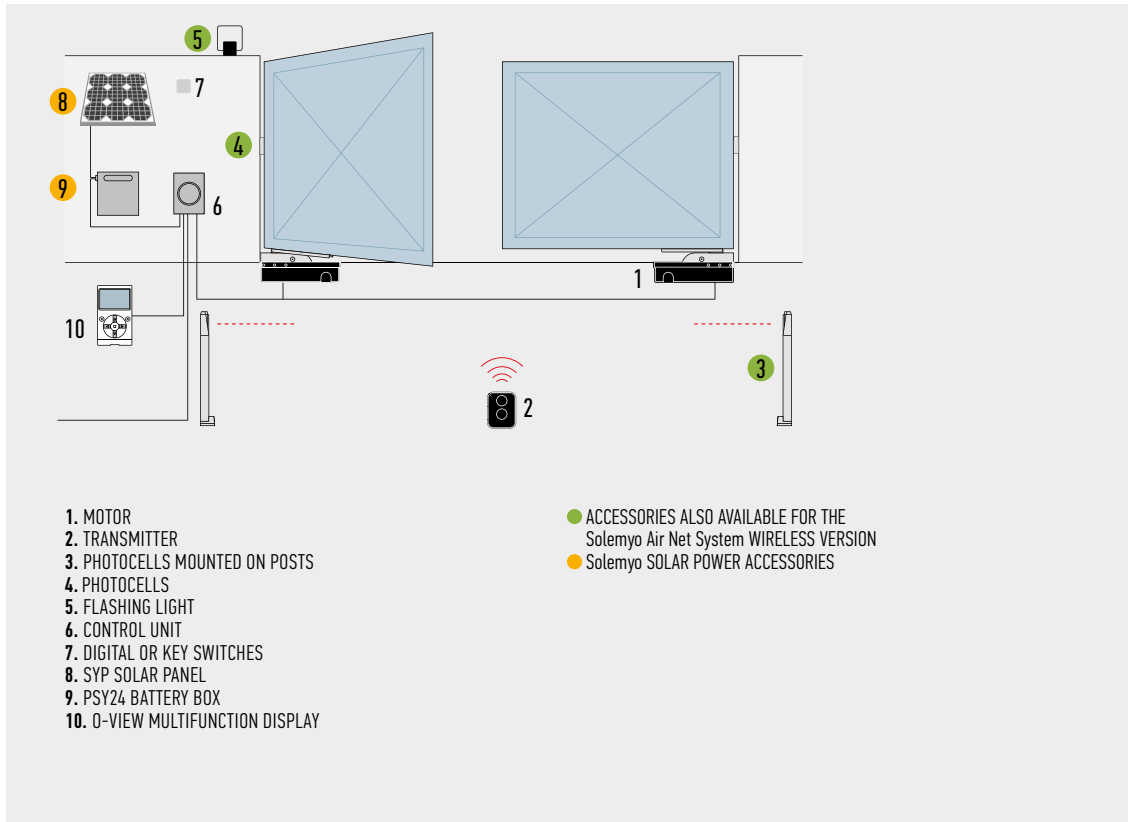
**ELB**  
1 FLASHING LIGHT WITH  
INTEGRATED AERIAL.



**TS**  
1 SIGNBOARD.



## INSTALLATION DIAGRAM



Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

## ACCESSORIES



**PS324**  
 24 V BATTERY WITH INTEGRATED BATTERY CHARGER.  
 PC/PACK 1



**PLA10**  
 VERTICAL 12 V ELECTRIC LOCK.  
 PC/PACK 1



**PLA11**  
 HORIZONTAL 12 V ELECTRIC LOCK.  
 PC/PACK 1



**KIT SOLEMYO**  
 THE SOLAR POWER TO AUTOMATE GATES, GARAGE DOORS OR BARRIER GATES.  
 SEE PAGE 200

FOR SWING GATES

FOR SLIDING GATES

BARRIER GATE OPERATOR SYSTEMS

FOR GARAGE AND INDUSTRIAL DOORS

CONTROL SYSTEMS AND ACCESSORIES

COMPATIBILITY TABLE AND ALPHABETICAL INDEX

# M-FAB

SOLEMYO OPERA BLUEBUS 24V 230V

## For swing gates with leaves up to 3 m, underground installation.

Irreversible electromechanical gear motor, also available in 24 Vdc versions with magnetic encoder.

3 types of electromechanical gear motors irreversible **M-Fab**.

**2 foundation boxes externally chamfered, Fab Box**, with mechanical stop on opening:

- in stainless steel (XFABBOXI), ideal for use in extreme conditions,
- with the **cataphoresis paint finish** (MFABBOX), highly resistant to corrosion.

**Reliable and resistant:** motors made up of solid internal parts in metal. New IP67 waterproof die cast aluminium.

**Total freedom of choice:** release from inside and outside, two key-operated models or freely compatible lever version and easily activated with just one hand.

**Simple to use:** mechanical stop system on closure. Standard opening max. 110°, optional opening 360°.

**Totally compatible** with the previous Metro series.

**Recommended control units:** Mindy A6F, A60, A700F; for MFAB3024 Moonclever MC824H.

**24 Vdc version** with magnetic encoder.

**Perfect for intensive use**, compatible with the control unit Moonclever MC824H:

- simple programming, by means of a single key;
- self-learning of opening and closing limit positions;
- automatic fault diagnostics;
- programming of pause time;
- pedestrian pass door;
- deceleration on opening and closing;
- obstacle detection with dual technology;
- operation in event of power failure by means of optional rechargeable batteries (PS324);
- provision for connection of latest generation resistive sensitive edges.



CODE	DESCRIPTION	PACK/PALLET
<b>MFAB3024</b>	IRREVERSIBLE, 24 Vdc, WITH MAGNETIC ENCODER, COMPLETE WITH CONNECTING LEVER AND MECHANICAL STOP FOR THE CLOSING MANOEUVRE	18
<b>MFAB3000</b>	IRREVERSIBLE, 230 Vac, INCREASED SPEED, GREASE LUBRICATION, COMPLETE WITH CONNECTING LEVER AND MECHANICAL STOP FOR THE CLOSING MANOEUVRE	18
<b>MFAB3000L</b>	IRREVERSIBLE, 230 Vac, CRUISING SPEED, GREASE LUBRICATION, COMPLETE WITH CONNECTING LEVER AND MECHANICAL STOP FOR THE CLOSING MANOEUVRE	18

CODE	DESCRIPTION	PACK/PALLET
<b>MFABBOXI</b>	EXTERNALLY CHAMFERED FOUNDATION BOX IN STAINLESS STEEL WITH MECHANICAL STOP ON OPENING	20
<b>MFABBOX</b>	EXTERNALLY CHAMFERED FOUNDATION BOX WITH CATAPHORESIS FINISH WITH MECHANICAL STOP ON OPENING	20

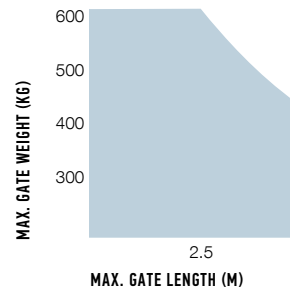
**NOTE:** key release mechanism, freely compatible with selection of models MEA2 and MEA3 motor.

## TECHNICAL SPECIFICATIONS

CODE	MFAB3024	MFAB3000	MFAB3000L
<b>ELECTRICAL DATA</b>			
POWER SUPPLY (Vac 50 Hz)*	-	230	
POWER SUPPLY (Vdc)	24	-	
ABSORPTION (A)	5	1.2	1.3
POWER (W)	120	250	300
<b>PERFORMANCE DATA</b>			
SPEED (rpm)	1.4	1.14	0.8
TORQUE (Nm)	250	300	250
WORK CYCLE (CYCLES/HOUR)**	76	30	20
<b>DIMENSIONAL AND GENERAL DATA</b>			
PROTECTION LEVEL (IP)	67		
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50		
DIMENSIONS (mm)	390x322x194.5 h		
WEIGHT (kg)	11		

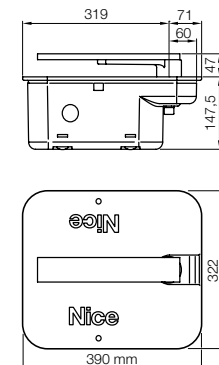
\*60 Hz version available on request. \*\*The indicated value has to be halved if the opening is up to 180° - by using the MEA1 accessory.

## UTILISATION LIMITS



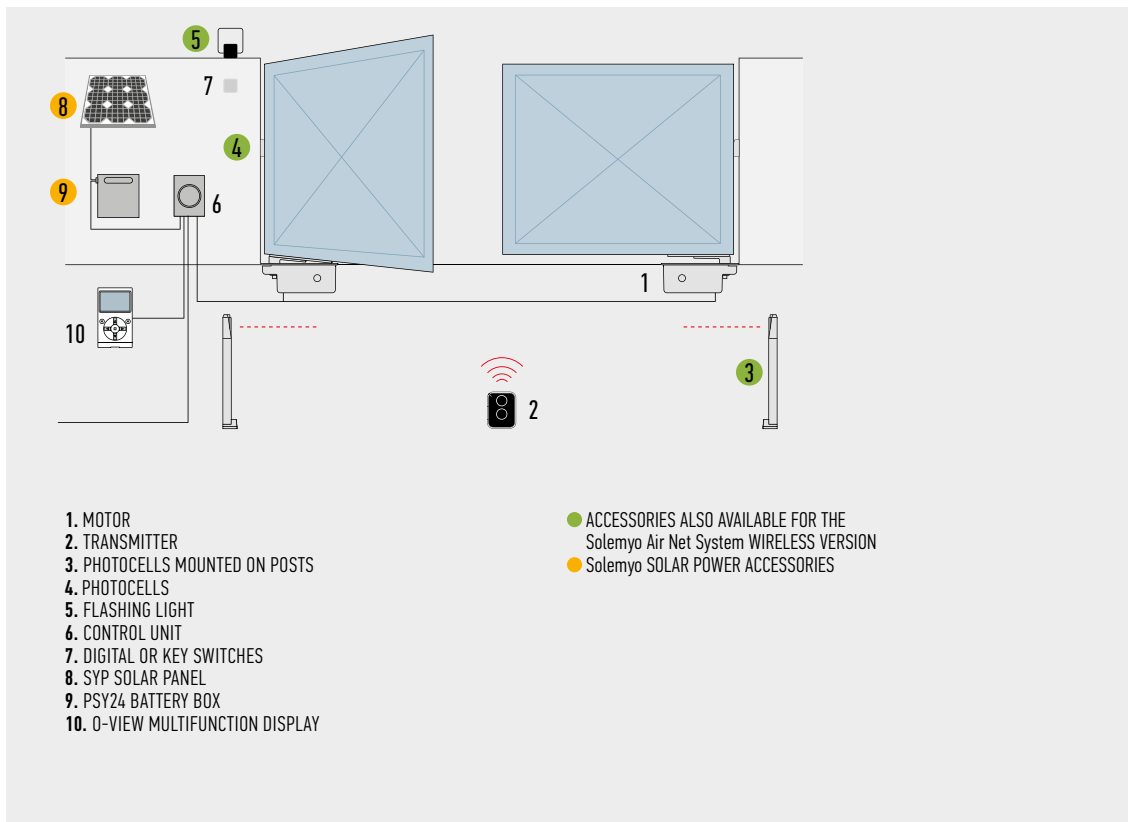
The shape, the height of the gate and the weather conditions can considerably reduce the values shown in the graph to the side. Use in windy areas 230 Vac models.

## DIMENSIONS





## INSTALLATION DIAGRAM



## COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

CODE	CONTROL UNIT / RECEIVER										TRANSMITTER				PHOTOCELLS							FLASHING LIGHT						
	A01 / Built-in*	A02 / Built-in*	A6F / FLOX12R*	A700F / FLOX12R*	A60 / OXI-SMX1*	A500 / FLOX12R*	A924 / FLOX12R*	MC424L / OXI	MC824H / OXI	MC824HR / OXI	ERA INTI	ERA ONE	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	F210	FT210	F210B	FT210B	EL	EL24	ELB	WLT
MFAB3024										●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
MFAB3000			●	●	●					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
MFAB3000L			●	●	●					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

\*Radio receiver incompatible with Opera system

## ACCESSORIES



**ME2**  
KEY UNLOCK SYSTEM.  
PC/PACK 1



**ME3**  
LEVER-TYPE KEY UNLOCK SYSTEM TO USE WHEN SYSTEM IS INSTALLED ON SURFACES SUCH AS SAND OR EARTH.  
PC/PACK 1



**ME5**  
LEVER-TYPE UNLOCK KEY FOR MEA3.  
PC/PACK 4



**ME6**  
LIMIT SWITCH BRACKET, FOR INSTALLATIONS WHERE BOX EMBEDDING IN CONCRETE IS NOT POSSIBLE.  
PC/PACK 1



**ME1**  
ACCESSORY FOR OPENING UP TO 360° FOR GATES MAX. 2.5 m IN LENGTH.  
PC/PACK 1



**PLA10**  
VERTICAL 12 V ELECTRIC LOCK.  
PC/PACK 1



**PLA11**  
HORIZONTAL 12 V ELECTRIC LOCK.  
PC/PACK 1



**TS**  
SIGNBOARD.  
PC/PACK 1

## ACCESSORY

For 24 Vdc version



**PS324**  
24 V BATTERY WITH INTEGRATED BATTERY CHARGER.  
PC/PACK 1



**KIT SOLEMYO**  
THE SOLAR POWER TO AUTOMATE GATES, GARAGE DOORS OR BARRIER GATES. SEE PAGE 200

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

FOR SWING GATES

FOR SLIDING GATES

BARRIER GATE OPERATOR SYSTEMS

FOR GARAGE AND INDUSTRIAL DOORS

CONTROL SYSTEMS AND ACCESSORIES

COMPATIBILITY TABLE AND ALPHABETICAL INDEX



# L-FAB

SOLEMYO OPERA BLUEBUS 24V 230V

## For swing gates with leaves up to 4 m, underground installation.

Irreversible electromechanical gear motor, also available in 24 Vdc versions with magnetic encoder and mechanical stop.

Foundation boxes with mechanical stop on opening:

- in stainless steel (LFABBOX4I), ideal for use in extreme conditions,
- with cataphoresis paint finish (LFABBOX4), highly resistant to corrosion.

**Maximum freedom of choice:** release from inside or outside, two key or lever operated models, freely combinable and easy to operate with just one hand.

**Simple installation:** built-in mechanical stop system on closure.

Standard opening to 110°, or optional 360°.

**Ideal for intensive use, LFAB4024 model is compatible with the control unit Moonclever MC824H, with BlueBUS technology, Solemyo and Opera systems:**

- simple programming via a single key;
- self-learning of travel limits on opening and closing;
- self-diagnostics of faults;
- programming of pause time;
- pass door;
- deceleration on opening and closing;
- dual technology obstacle detection;
- operation in the event of a power failure with optional rechargeable batteries (PS324);
- provision for connection of latest generation sensitive edges.

LFAB4000 model is compatible with the control units A6F and A60.



### ACCESSORY FOR L-FAB

**BMA2**  
ADAPTORS FOR A DUAL MOTOR AUTOMATION, COMPATIBLE WITH THE MAJORITY OF FOUNDATION BOXES ON THE MARKET.

PC/PACK. 4



CODE	DESCRIPTION	PACK/PALLET
LFAB4000	IRREVERSIBLE 230 Vac WITH BUILT-IN MECHANICAL STOP ON CLOSING	18
LFAB4024	IRREVERSIBLE 24 Vdc, WITH MAGNETIC ENCODER, WITH MECHANICAL STOP ON CLOSING	18
LFABBOX4	FOUNDATION BOX WITH CATAPHORESIS PAINT FINISH FOR LFAB4000 AND LFAB4024 WITH BUILT-IN MECHANICAL STOP ON OPENING. COMPLETE WITH LEAF COUPLING LEVER	18
LFABBOX4I	STAINLESS STEEL FOUNDATION BOX FOR LFAB4000 AND LFAB4024 WITH BUILT-IN MECHANICAL STOP ON OPENING. COMPLETE WITH LEAF COUPLING LEVER	18

Note: key release mechanism, freely compatible with selection of models MEA2 and MEA3 motor.

### TECHNICAL SPECIFICATIONS

CODE	LFAB4024	LFAB4000
<b>ELECTRICAL DATA</b>		
POWER SUPPLY (Vac 50/60 Hz)	-	230
POWER SUPPLY (Vdc)	24	-
ABSORPTION (A)	5	1.5
POWER (W)	120	340
<b>PERFORMANCE DATA</b>		
SPEED (rpm)	1	0.8
TORQUE (Nm)	300	500
WORK CYCLE (CYCLES/HOUR)**	60	20

### DIMENSIONAL AND GENERAL DATA

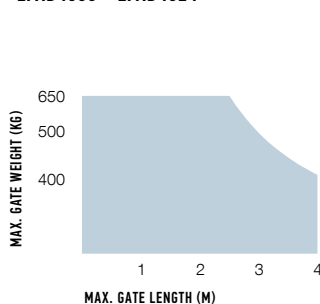
PROTECTION LEVEL (IP)	67	
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50	
DIMENSIONS (mm)*	400x325x152 h	
WEIGHT (kg)	12.5	14.3

\*With foundation box. \*\*The indicated value has to be halved if the opening is up to 180° - by using the BMA1 accessory.

FOUNDATION BOX	LFABBOX4
WEIGHT (kg)	14.4

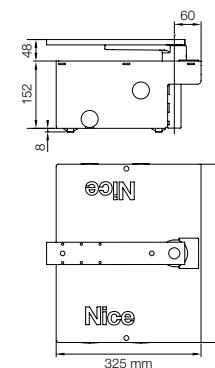
### UTILISATION LIMITS

#### LFAB4000 - LFAB4024

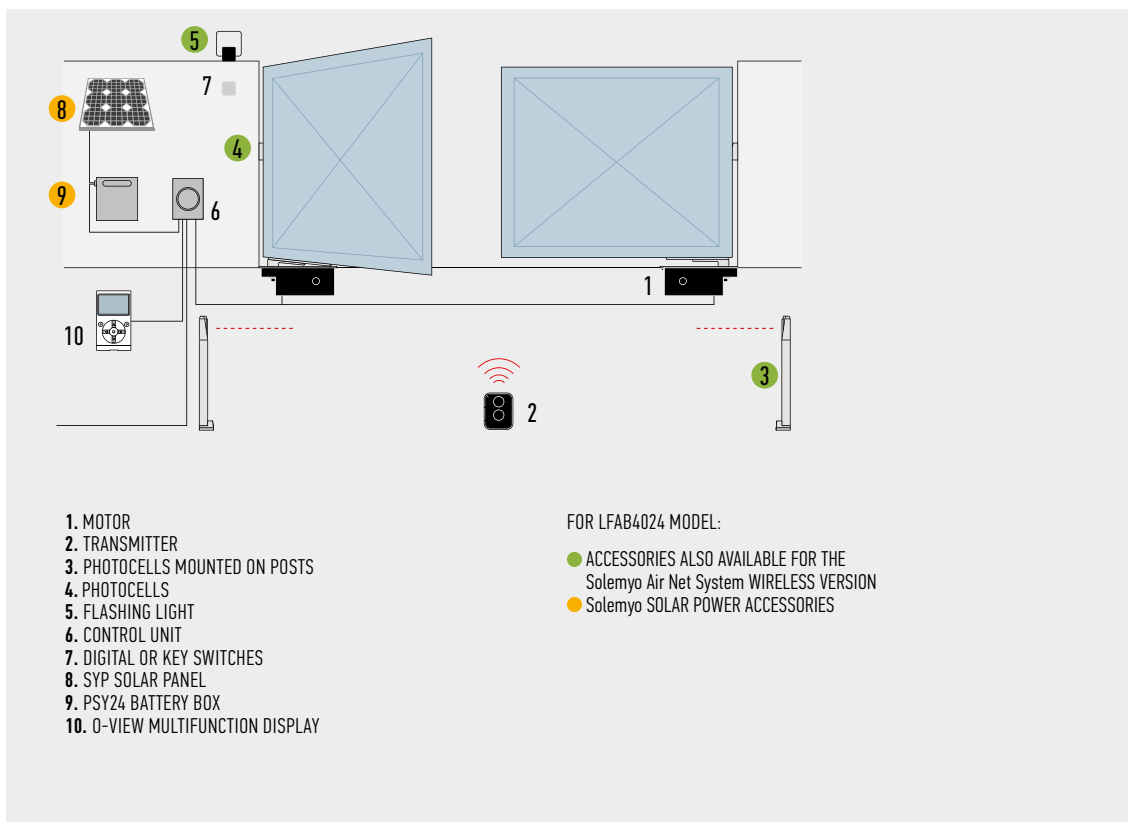


The shape, the height of the gate and the weather conditions can considerably reduce the values shown in the graph to the side. Use in windy areas 230 Vac models.

### DIMENSIONS



## INSTALLATION DIAGRAM



## COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

CODE	CONTROL UNIT / RECEIVER							TRANSMITTER				PHOTOCELLS							FLASHING LIGHT									
	A01 / Built-in*	A02 / Built-in*	A6F / FLOX12R*	A700F / FLOX12R*	A60 / OXI-SMX1*	A500 / FLOX12R*	A924 / FLOX12R*	MC424L / OXI	MC824H / OXI	MC824HR / OXI	ERA INTI	ERA ONE	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	F210	FT210	F210B	FT210B	EL	EL24	ELB	WLT
LFA4000			●	●	●					●	●	●	●				●	●	●		●			●				
LFA4024								●		●	●	●	●				●	●	●							●	●	

\*Radio receiver incompatible with Opera system

## ACCESSORIES

**ME2**  
KEY UNLOCK SYSTEM.  
PC/PACK 1

**ME3**  
LEVER-TYPE KEY UNLOCK SYSTEM TO USE WHEN SYSTEM IS INSTALLED ON SURFACES SUCH AS SAND OR EARTH.  
PC/PACK 1

**ME5**  
LEVER-TYPE UNLOCK KEY FOR ME3.  
PC/PACK 4

**BMA1**  
ACCESSORY FOR OPENING UP TO 360° FOR GATES MAX. 3.5 m IN LENGTH.  
PC/PACK 1

**PLA10**  
VERTICAL 12 V ELECTRIC LOCK (REQUIRED FOR GATES LONGER THAN 3 m).  
PC/PACK 1

**PLA11**  
HORIZONTAL 12 V ELECTRIC LOCK (REQUIRED FOR GATES LONGER THAN 3 m).  
PC/PACK 1

**TS**  
SIGNBOARD.  
PC/PACK 1

## ACCESSORY

For 24 Vdc version

**PS324**  
24 V BATTERY WITH INTEGRATED BATTERY CHARGER.  
PC/PACK 1

**KIT SOLEMYO**  
THE SOLAR POWER TO AUTOMATE GATES, GARAGE DOORS OR BARRIER GATES. SEE PAGE 200

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

FOR SWING GATES

FOR SLIDING GATES

BARRIER GATE OPERATOR SYSTEMS

FOR GARAGE AND INDUSTRIAL DOORS

CONTROL SYSTEMS AND ACCESSORIES

COMPATIBILITY TABLE AND ALPHABETICAL INDEX

# BIG-FAB

SOLEMYO OPERA BLUEBUS 24V

## For swing gates with leaves up to 5 m, underground installation.

Irreversible electromechanical gear motor, 24 Vdc with magnetic encoder and mechanical stop.

**Chamfered foundation boxes** with mechanical stop on opening:

- in stainless steel (BFABBOXI), ideal for use in extreme conditions,
- with cataphoresis paint finish (BFABBOX), highly resistant to corrosion.

**Maximum freedom of choice:** release from inside or outside, two key or lever operated models, freely combinable and easy to operate with just one hand.

**Simple to use:** mechanical stop system on closure. Standard opening to 110°, or optional 360°.

**Ideal for intensive use, compatible with the control unit Moonclever MC824H:**

- simple programming via a single key;
- self-learning of travel limits on opening and closing;
- self-diagnostics of faults;
- programming of pause time;
- pass door;
- deceleration on opening and closing;
- dual technology obstacle detection;
- operation in the event of a power failure with optional rechargeable batteries (PS324);
- provision for connection of latest generation sensitive edges.



### ACCESSORY FOR L-FAB

**BMA2**  
ADAPTORS FOR A DUAL MOTOR AUTOMATION, COMPATIBLE WITH THE MAJORITY OF FOUNDATION BOXES ON THE MARKET.

PC/PACK. 4



CODE	DESCRIPTION	PACK/PALLET
<b>BFAB5024</b>	IRREVERSIBLE, 24 Vdc, WITH MAGNETIC ENCODER, WITH MECHANICAL STOP ON CLOSING	18
<b>BFABBOX</b>	FOUNDATION BOX, WITH CATAPHORESIS PAINT FINISH, WITH BUILT-IN MECHANICAL STOP ON OPENING	18
<b>BFABBOXI</b>	STAINLESS STEEL FOUNDATION BOX, WITH BUILT-IN MECHANICAL STOP ON OPENING	18

**NOTE:** key release mechanism, freely compatible with selection of models MEA2 and MEA3 motor.

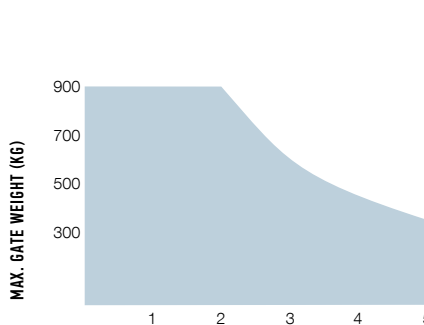
### TECHNICAL SPECIFICATIONS

CODE	BFAB5024
<b>ELECTRICAL DATA</b>	
POWER SUPPLY (Vdc)	24
ABSORPTION (A)	7
POWER (W)	170
<b>PERFORMANCE DATA</b>	
SPEED (rpm)	0.8
TORQUE (Nm)	400
WORK CYCLE (CYCLES/HOUR)**	45
<b>DIMENSIONAL AND GENERAL DATA</b>	
PROTECTION LEVEL (IP)	67
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50
DIMENSIONS (mm)*	400x325x152 h
WEIGHT (kg)	13.3

\*With foundation box. \*\*The indicated value has to be halved if the opening is up to 180° - by using the BMA1 accessory.

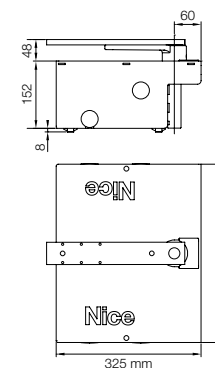
FOUNDATION BOX	BFABBOX
WEIGHT (kg)	20.3

### UTILISATION LIMITS

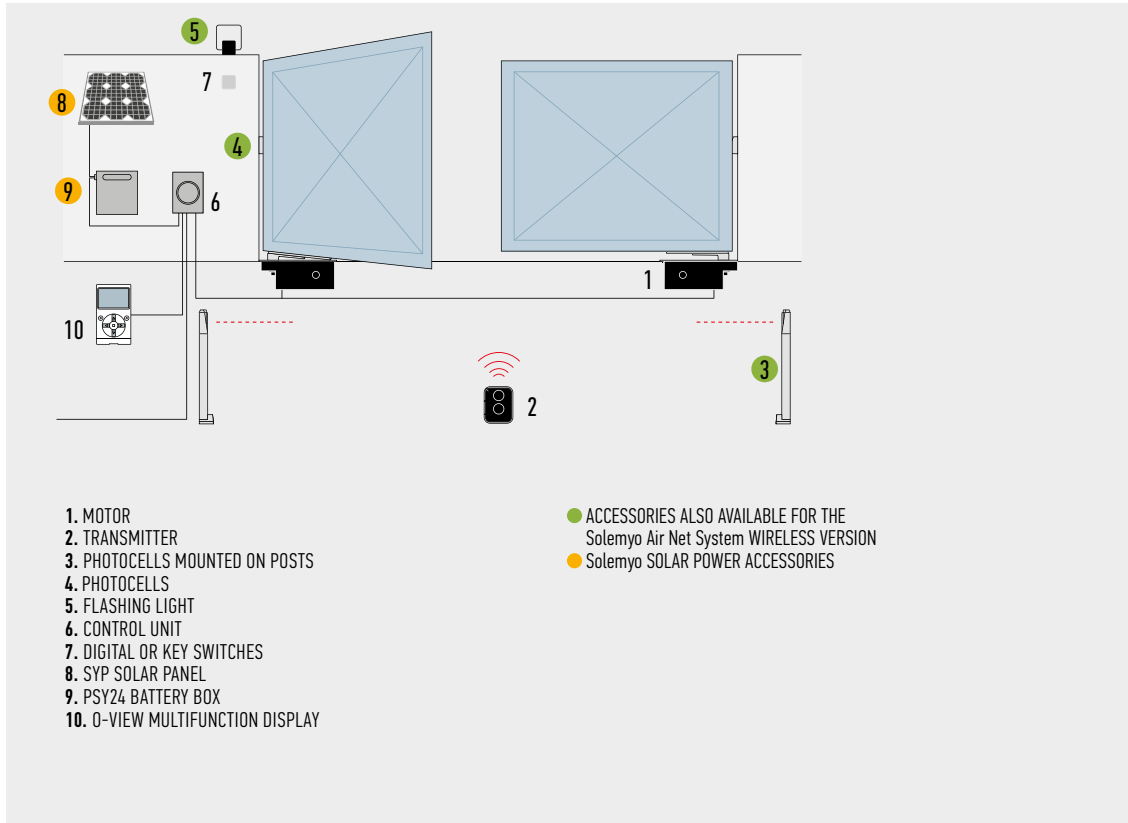


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### DIMENSIONS



## INSTALLATION DIAGRAM



## COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

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<b>BFAB5024</b>					●				●	●	●	●				●	●	●			●			●	●	●

\*Radio receiver incompatible with Opera system

## ACCESSORIES



**MEA2**  
KEY UNLOCK SYSTEM.  
PC/PACK 1



**MEA3**  
LEVER-TYPE KEY UNLOCK SYSTEM TO USE WHEN SYSTEM IS INSTALLED ON SURFACES SUCH AS SAND OR EARTH.  
PC/PACK 1



**MEA5**  
LEVER-TYPE UNLOCK KEY FOR MEA3.  
PC/PACK 4



**BMA1**  
ACCESSORY FOR OPENING UP TO 360° FOR GATES MAX. 3.5 m IN LENGTH.  
PC/PACK 1



**PLA10**  
VERTICAL 12 V ELECTRIC LOCK (REQUIRED FOR GATES LONGER THAN 3 m).  
PC/PACK 1



**PLA11**  
HORIZONTAL 12 V ELECTRIC LOCK (REQUIRED FOR GATES LONGER THAN 3 m).  
PC/PACK 1



**TS**  
SIGNBOARD.  
PC/PACK 1

## ACCESSORY

For 24 Vdc version



**PS324**  
24 V BATTERY WITH INTEGRATED BATTERY CHARGER.  
PC/PACK 1



**KIT SOLEMYO**  
THE SOLAR POWER TO AUTOMATE GATES, GARAGE DOORS OR BARRIER GATES. SEE PAGE 200