

TOONA 4

SOLEMYO OPERA BLUEBUS 24V 230V

For swing gates with leaves up to 3 m.

Electromechanical gear motor, surface mounted.

Also available in 24 Vdc version, with magnetic encoder.

Ideal for residential use.

Reliable: durability thanks to the housing, made up of two tough aluminium shells with polyester paint finish; more resistant to atmospheric agents.

Internal moving parts completely in steel, light alloys and technopolymers.

Silent: patented layout of internal parts and lead nut in bronze.

Generously sized and practical connection compartment:

rapid and easy access from above to internal parts located in the upper section of the motor.

Simple installation and maintenance;

with built-in capacitor.

Recommended control units:

Mindy A6F, A60, A700F; for T04024 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
T04024	IRREVERSIBLE, 24 Vdc, WITH MAGNETIC ENCODER, MECHANICAL STOP ON OPENING	20
T04005	IRREVERSIBLE, 230 Vac, INCREASED SPEED, WITH LIMIT SWITCH ON OPENING	20
T04006	IRREVERSIBLE, 230 Vac, INCREASED SPEED, WITH LIMIT SWITCH ON OPENING AND CLOSING	20
T04015	IRREVERSIBLE, 230 Vac, CRUISING SPEED, WITH LIMIT SWITCH ON OPENING	20
T04605	REVERSIBLE, 230 Vac, INCREASED SPEED, WITH LIMIT SWITCH ON OPENING	20

TECHNICAL SPECIFICATIONS

CODE	T04024	T04005	T04006	T04015	T04605
ELECTRICAL DATA					
POWER SUPPLY (Vac 50 Hz)*	-	230			
POWER SUPPLY (Vdc)	24	-			
ABSORPTION (A)	5	1.5		1.3	
POWER (W)	120	340		300	
PERFORMANCE DATA					
SPEED (m/s)	0.016		0.013	0.016	
FORCE (N)	1800				
WORK CYCLE (CYCLES/HOUR)	95**	58	54	50	
DIMENSIONAL AND GENERAL DATA					
PROTECTION LEVEL (IP)	44				
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50				
DIMENSIONS (mm)	820x115x105 h				
WEIGHT (kg)	6				

*60 Hz version available on request.

** With optimal installation.

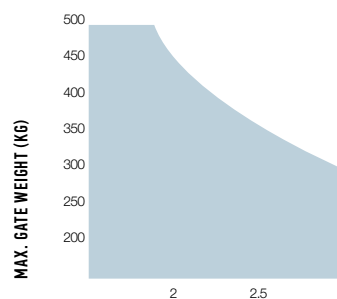
EASY ACCESS TO INTERNAL PARTS IN UPPER SECTION OF MOTOR

RELEASE HANDLE IN DIE-CAST ALUMINIUM, PRACTICAL AND RESISTANT

EXCLUSIVE PATENTED LAYOUT OF INTERNAL PARTS

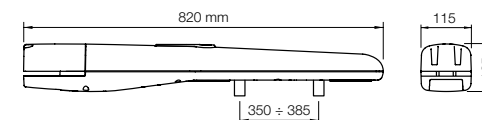


UTILISATION LIMITS



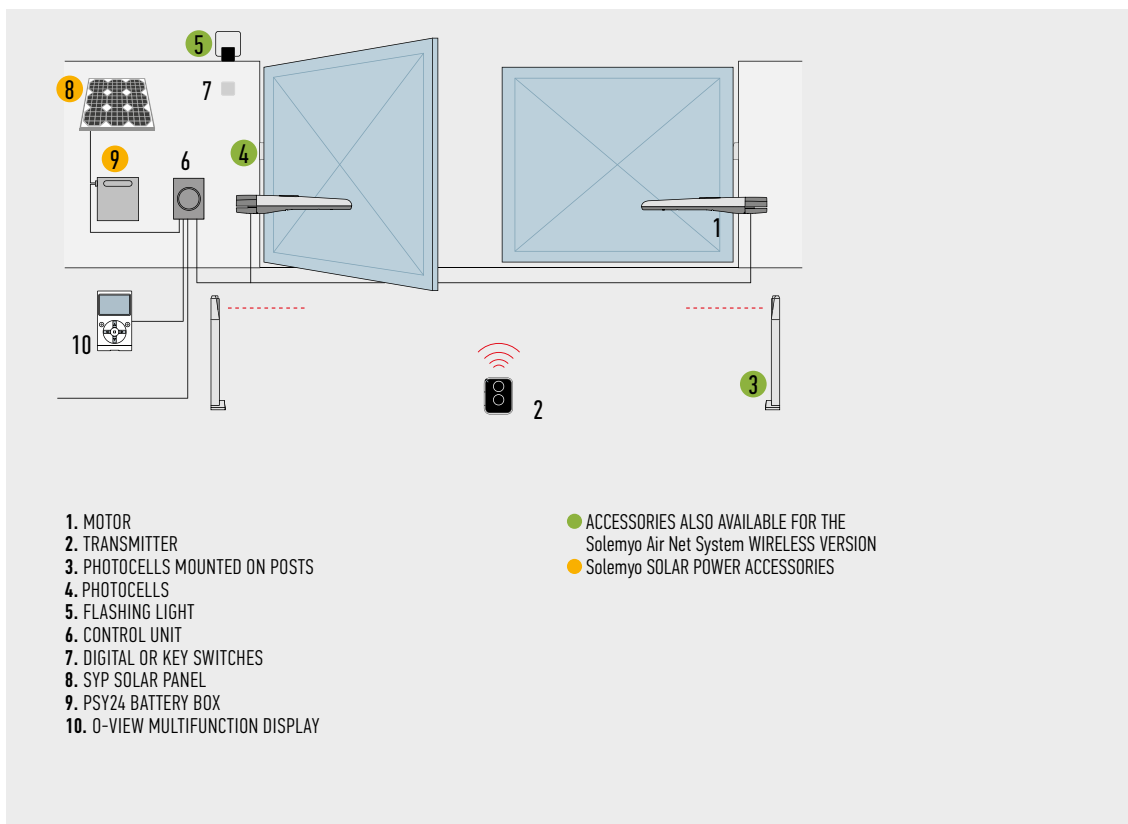
The shape, the height of the gate and the weather conditions can considerably reduce the values shown in the graph to the side. Use in windy areas 230 Vac models.

DIMENSIONS



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.

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 / OX1-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	
T04024										●	●	●	●	●	●	●	●	●	●										
T04005			●	●	●					●	●	●	●	●	●	●	●	●	●		●	●			●				
T04006			●	●	●					●	●	●	●	●	●	●	●	●	●		●	●			●				
T04015			●	●	●					●	●	●	●	●	●	●	●	●	●		●	●			●				
T04605			●	●	●					●	●	●	●	●	●	●	●	●	●		●	●			●				

*Radio receiver incompatible with Opera system

ACCESSORIES

Total interchangeability with the series Moby: identical positions and fixing brackets

PLA6
REAR BRACKET
250 mm LONG.
PC/PACK 1

PLA14
SCREW-ADJUSTABLE
REAR BRACKET.
PC/PACK 2

PLA15
SCREW-ADJUSTABLE
FRONT BRACKET.
PC/PACK 2

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

ACCESSORY
For 24 Vdc version

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

PLA13
MECHANICAL TRAVEL STOPS
FOR CLOSING OR OPENING
MANOEUVRES.
PC/PACK 4

TS
SIGNBOARD.
PC/PACK 1

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

FOR SWING GATES

FOR SLIDING GATES

BARRIER GATE
OPERATOR SYSTEMS

FOR GARAGE
AND INDUSTRIAL DOORS

CONTROL SYSTEMS
AND ACCESSORIES

COMPATIBILITY TABLE
AND ALPHABETICAL INDEX

TOONA 5

SOLEMYO OPERA BLUEBUS 24V 230V

For swing gates with leaves up to 5 m.

Electromechanical gear motor, surface mounted.
Also available in 24 Vdc version, with magnetic encoder.
Ideal for residential and industrial use.

Reliable: durability thanks to the housing, made up of two tough aluminium shells with polyester paint finish; more resistant to atmospheric agents.

Internal moving parts completely in steel, light alloys and technopolymers.

T05024I ideal for intensive work load, thanks to the torque of 2200 Nm, can work on continuous duty on large sized gates.

Silent: patented layout of internal parts and lead nut in bronze.

Generously sized and practical connection compartment:

rapid and easy access from above to internal parts located in the upper section of the motor.

Simple installation and maintenance, with built-in capacitor.

Recommended control units:

Mindy A6F, A60, A700F;
for T05024 and T05024I 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
T05024	IRREVERSIBLE, 24 Vdc, WITH MAGNETIC ENCODER, MECHANICAL STOP ON OPENING	20
T05024I	IRREVERSIBLE, 24 Vdc, WITH MAGNETIC ENCODER, MECHANICAL STOP ON OPENING; FOR INTENSIVE USE	20
T05015	IRREVERSIBLE, 230 Vac, CRUISING SPEED, WITH LIMIT SWITCH ON OPENING	20
T05016	IRREVERSIBLE, 230 Vac, CRUISING SPEED, WITH LIMIT SWITCH ON OPENING AND CLOSING	20
T05605	REVERSIBLE, 230 Vac, INCREASED SPEED, WITH LIMIT SWITCH ON OPENING	20

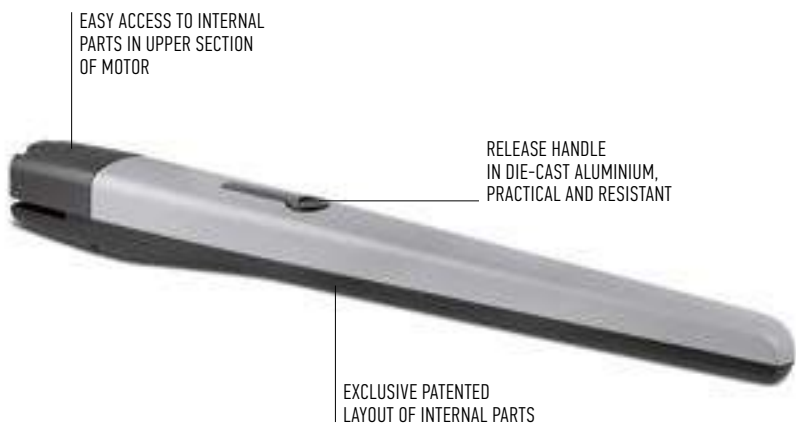
TECHNICAL SPECIFICATIONS

CODE	T05024	T05024I	T05015	T05016	T05605
ELECTRICAL DATA					
POWER SUPPLY (Vac 50 Hz)*	-		230		
POWER SUPPLY (Vdc)	24		-		
ABSORPTION (A)	5		1.5		1.3
POWER (W)	120		340		300
PERFORMANCE DATA					
SPEED (m/s)	0.016		0.013		0.016
FORCE (N)	1800		2200		1800
WORK CYCLE (CYCLES/HOUR)	95**		75***		54
DIMENSIONAL AND GENERAL DATA					
PROTECTION LEVEL (IP)	44				
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50				
DIMENSIONS (mm)	965x115x105 h				
WEIGHT (kg)	7				

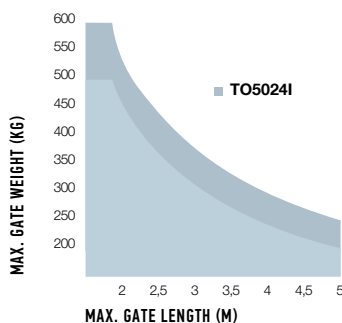
*60 Hz version available on request.

** With optimal installation.

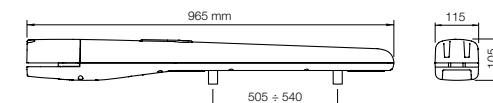
*** The reduction in number of manoeuvres with respect to the version T05024 depends solely on the lower manoeuvre speed.



UTILISATION LIMITS

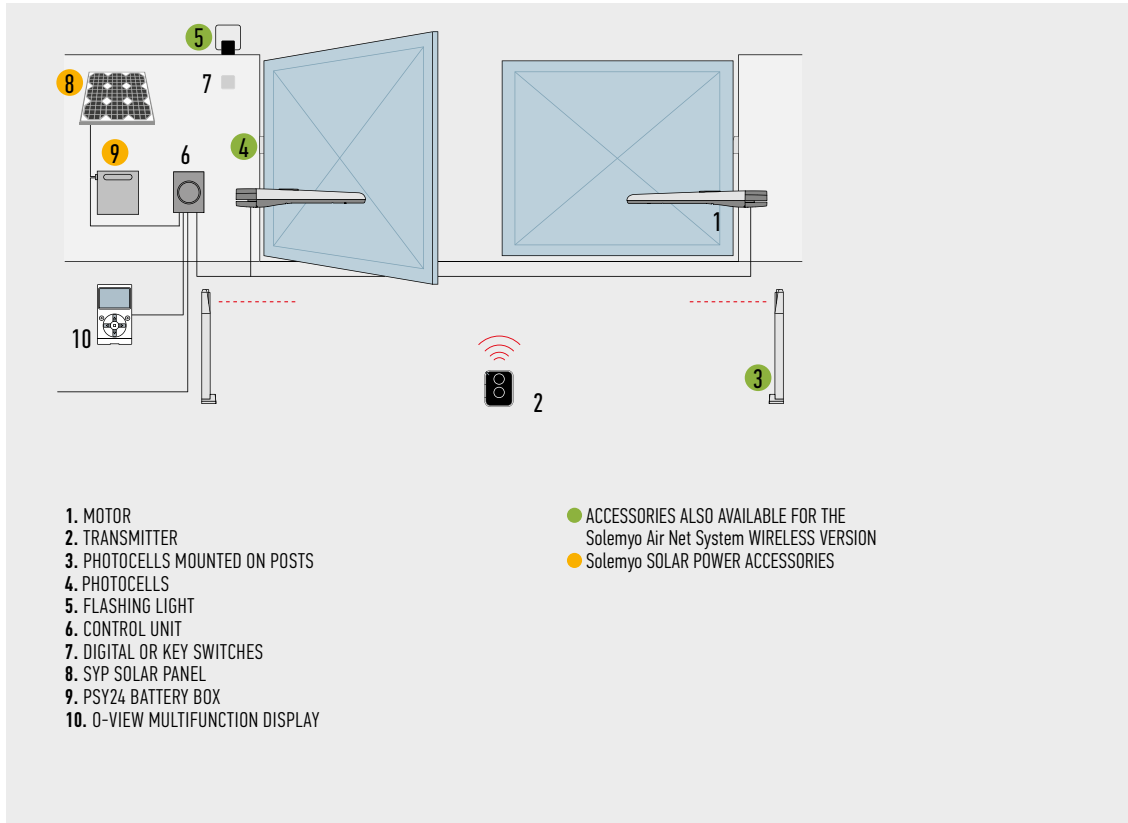


DIMENSIONS



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.

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
T05024								●		●	●	●	●				●	●	●								●	●
T05024I								●		●	●	●	●				●	●	●				●				●	●
T05015			●	●	●					●	●	●	●								●	●			●			
T05016			●	●	●					●	●	●	●								●	●			●			
T05605			●	●	●					●	●	●	●								●	●			●			

*Radio receiver incompatible with Opera system

ACCESSORIES

Total interchangeability with the series Moby: identical positions and fixing brackets



PLA6
REAR BRACKET
250 mm LONG.
PC/PACK 1

PLA8
SCREW-ADJUSTABLE
FRONT BRACKET.
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

ACCESSORY

For 24 Vdc version



PLA13
MECHANICAL TRAVEL STOPS
FOR CLOSING AND OPENING
MANOEUVRES.
PC/PACK 4

TS
SIGNBOARD.
PC/PACK 1

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

TOONA 7

SOLEMYO OPERA BLUEBUS 24V

For swing gates with leaves up to 7 m.

Electromechanical gear motor, surface mounted, powered at 24 Vdc, with magnetic encoder. Ideal for industrial installations, designed for intensive use.

Reliable: durability thanks to the housing, made up of two tough aluminium shells with polyester paint finish; more resistant to atmospheric agents.

Internal moving parts completely in steel, light alloys and technopolymers.

Silent: patented layout of internal parts and lead nut in bronze.

Generously sized and practical connection compartment: rapid and easy access from above to internal parts located in the upper section of the motor.

Moonclever MC824H control unit:

- 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.

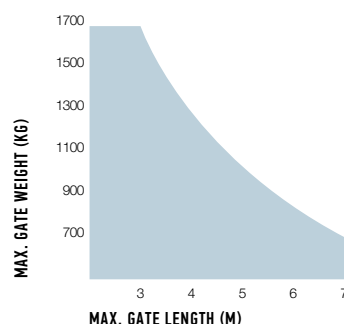


CODE	DESCRIPTION	PACK/PALLET
T07024	IRREVERSIBLE, 24 Vdc, WITH MAGNETIC ENCODER, MECHANICAL STOP ON OPENING AND CLOSING	20

TECHNICAL SPECIFICATIONS

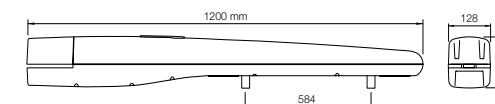
CODE	T07024
ELECTRICAL DATA	
POWER SUPPLY (Vac 50 Hz)	-
POWER SUPPLY (Vdc)	24
ABSORPTION (A)	5
POWER (W)	120
PERFORMANCE DATA	
SPEED (m/s)	0.013
FORCE (N)	2700
WORK CYCLE (CYCLES/HOUR)	41
DIMENSIONAL AND GENERAL DATA	
PROTECTION LEVEL (IP)	44
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50
DIMENSIONS (mm)	1200x128x150 h
WEIGHT (kg)	15

UTILISATION LIMITS

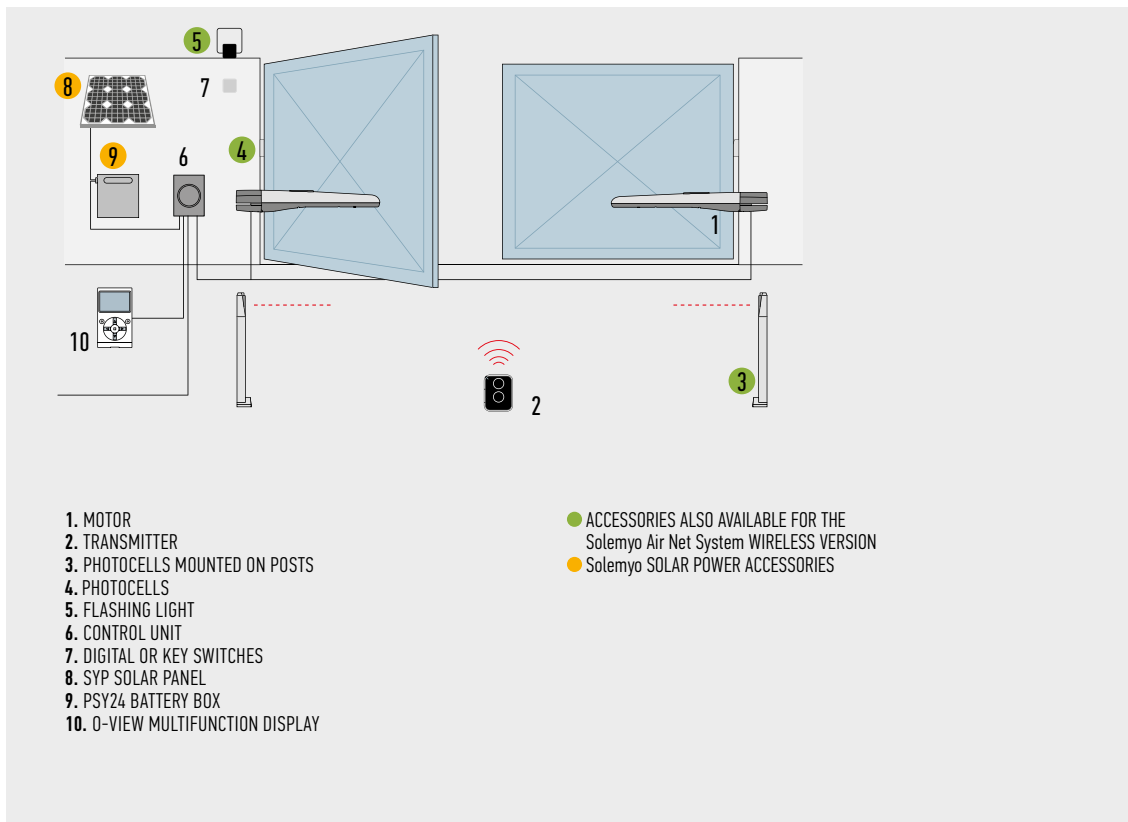


The shape, the height of the gate and the weather conditions can considerably reduce the values shown in the graph to the side.

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	ERA INTI	ERA ONE	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	F210	FT210	F210B	FT210B	EL	EL24	ELB
T07024								●	●	●	●	●				●	●	●			●			●	●	●

*Radio receiver incompatible with Opera system

ACCESSORIES



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



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

TOONAKIT

SOLEMYO OPERA BLUEBUS 24V

For swing gates with leaves up to 3 m, ideal for residential use.

Electromechanical gear motor, surface mounted, powered at 24 Vdc, with magnetic encoder.

Reliable: durability thanks to the housing, made up of two tough aluminium shells with polyester paint finish; more resistant to atmospheric agents.

Internal moving parts completely in steel, light alloys and technopolymers.

Silent: patented layout of internal parts and lead nut in bronze.

Generously sized and practical connection compartment: rapid and easy access from above to internal parts located in the upper section of the motor.

Ease of installation and maintenance.

Moonclever MC824H control unit:

- 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.

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
TOONA4024KCE	KIT FOR SWING GATES WITH LEAVES UP TO 3 m, 24 Vdc, SURFACE MOUNTED	12

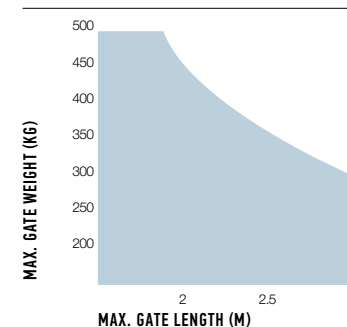
N.B. The content of the package may vary; consult the retailer.

TECHNICAL SPECIFICATIONS

CODE	T04024
ELECTRICAL DATA	
POWER SUPPLY (Vdc)	24
ABSORPTION (A)	5
POWER (W)	120
PERFORMANCE DATA	
SPEED (m/s)	0.016
FORCE (N)	1800
WORK CYCLE (CYCLES/HOUR)	95*
DIMENSIONAL AND GENERAL DATA	
PROTECTION LEVEL (IP)	44
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50
DIMENSIONS (mm)	820x115x105 h
WEIGHT (kg)	6

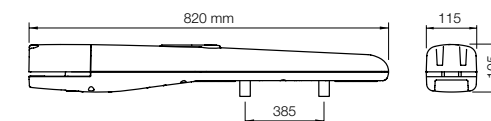
* With optimal installation.

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



THE KIT CONTAINS:

T04024
2 ELECTROMECHANICAL IRREVERSIBLE GEAR MOTORS, SURFACE MOUNTED. WITH MECHANICAL STOP ON OPENING.



ON2E
1 TRANSMITTER
433.92 MHz, 2 CHANNELS.



MC824H
1 CONTROL UNIT
WITH OXI PLUG-IN RECEIVER.



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



NEW
EKS
1 KEY SELECTOR SWITCH FOR OUTDOOR INSTALLATION.



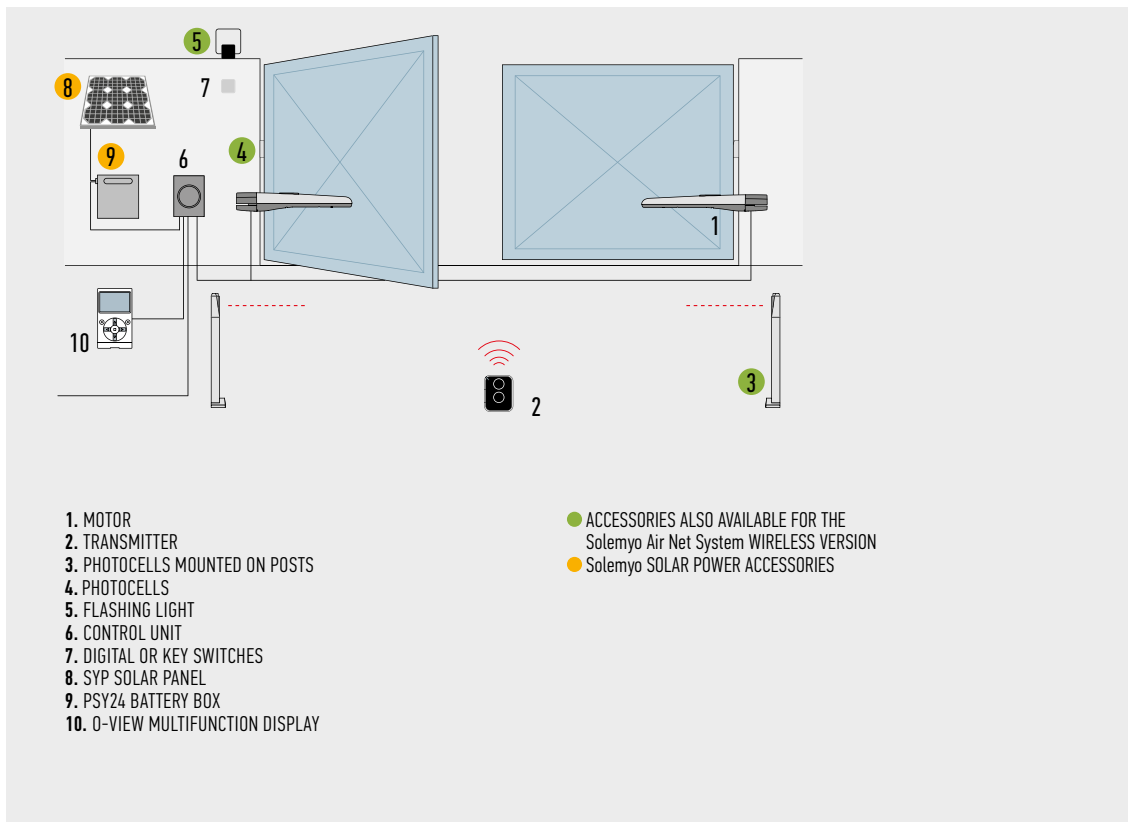
NEW
ELB
1 FLASHING LIGHT WITH INTEGRATED AERIAL.



TS
1 SIGNBOARD.










INSTALLATION DIAGRAM



ACCESSORIES

Total interchangeability with the series Moby: identical positions and fixing brackets

			
PLA6 REAR BRACKET 250 mm LONG. PC/PACK 1	PLA14 SCREW-ADJUSTABLE REAR BRACKET. PC/PACK 2	PLA15 SCREW-ADJUSTABLE FRONT BRACKET. PC/PACK 2	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	PLA13 MECHANICAL TRAVEL STOPS FOR CLOSING AND OPENING MANOEUVRES. PC/PACK 4	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

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FOR SWING GATES

FOR SLIDING GATES

BARRIER GATE
OPERATOR SYSTEMS

FOR GARAGE
AND INDUSTRIAL DOORS

CONTROL SYSTEMS
AND ACCESSORIES

COMPATIBILITY TABLE
AND ALPHABETICAL INDEX