



**For swing gates with leaves up to 2.5 m long and 600 kg weight and up to 4 m long and 350 kg weight, underground installation. Compatible for operation with Nice Solemyo and Opera systems.**

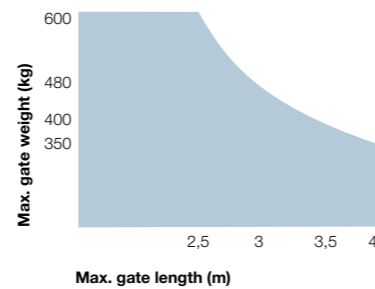
**Foundation box with cataphoresis paint finish**, highly resistant to corrosion.

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

- 24 Vdc version** with magnetic encoder. Perfect for intensive use, compatible with the control unit Moonclever **MC824H**, equipped with Nice BlueBUS technology:
- 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
<b>METROELITE</b>	Irreversible 24 Vdc gear motor with magnetic encoder and foundation box for gates up to 2.5 m long and 600 kg weight, or gates up to 4 m long and 350 kg weight
<b>ME3024R00</b>	24 Vdc gear motor head assembly, without FBOX

### Utilisation limits



### Technical specifications

Code		METROELITE
<b>Electrical data</b>		
Power supply (Vdc)		24
Absorption (A)		10
Power (W)		240
<b>Performance data</b>		
Speed open 90° (s)*		11
Torque (Nm)		210
Work cycle (cycles/day)		240
Operations in standby with battery		30
<b>Dimensional and general data</b>		
Protection level (IP)		67
Working temp. (°C Min/Max)		-20 ÷ +50
Dimensions (mm)		340x290x470 h
Weight (kg)		22.5

\* In perfect installation conditions

### Solemyo system



The solar power kit Solemyo to automate gates, garage doors or barrier gates, including those located far from the power mains and without the need for costly and invasive excavation work. See pages 78/79

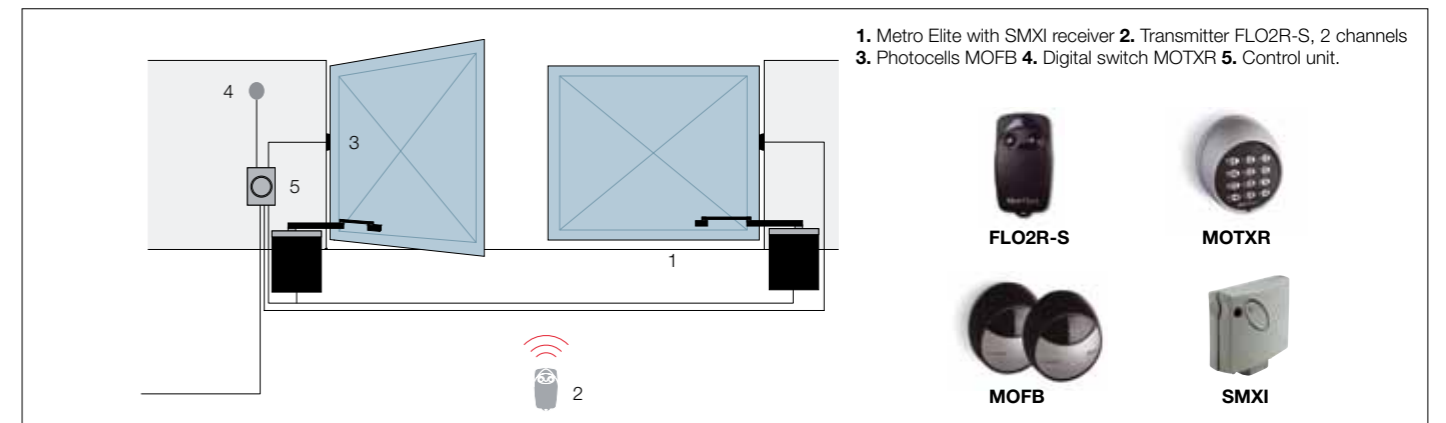
### Opera system



The innovative Opera system enables the installer to manage, program and control automation systems, also remotely, simply and safely, with significant savings in time. See pages 80/81

### Available in practical kit solutions:

Code	Description
<b>Basic</b>	
<b>METROELITEBKIT</b>	1 electromechanical gear motor <b>METROELITE</b> . 1 standard arm (any length). 1 standard pipe (any length). 1 gate bracket and hook. 1 control unit <b>MC824H</b> . 1 24 V battery <b>PS324</b> .
<b>METROELITEDBKIT</b>	2 electromechanical gear motors <b>METROELITE</b> . 2 standard arms (any length). 2 standard pipes (any length). 2 gate brackets and hooks. 1 control unit <b>MC824H</b> . 1 24 V battery <b>PS324</b> .
<b>Radio</b>	
<b>METROELITERKIT</b>	1 electromechanical gear motor <b>METROELITE</b> . 1 plug-in receiver <b>SMXI</b> . 2 transmitters 433.92 MHz, 2 channels, <b>FLO2R-S</b> . 1 standard arm (any length). 1 standard pipe (any length). 1 gate bracket and hook. 1 control unit <b>MC824H</b> . 1 24 V battery <b>PS324</b> .
<b>METROELITEDRKIT</b>	2 electromechanical gear motors <b>METROELITE</b> . 1 plug-in receiver <b>SMXI</b> . 2 transmitters 433.92 MHz, 2 channels, <b>FLO2R-S</b> . 2 standard arms (any length). 2 standard pipes (any length). 2 gate brackets and hooks. 1 control unit <b>MC824H</b> . 1 24 V battery <b>PS324</b> .
<b>Premium</b>	
<b>METROELITEPKIT</b>	1 electromechanical gear motor <b>METROELITE</b> . 1 plug-in receiver <b>SMXI</b> . 2 transmitters 433.92 MHz, 2 channels, <b>FLO2R-S</b> . 1 pair of surface-mounted photocells <b>MOFB</b> . 1 radio-controlled digital switch <b>MOTXR</b> . 1 standard arm (any length). 1 standard pipe (any length). 1 gate bracket and hook. 1 control unit <b>MC824H</b> . 1 24 V battery <b>PS324</b> .
<b>METROELITEDPKIT</b>	2 electromechanical gear motors <b>METROELITE</b> . 1 plug-in receiver <b>SMXI</b> . 2 transmitters 433.92 MHz, 2 channels, <b>FLO2R-S</b> . 1 pair of surface-mounted photocells <b>MOFB</b> . 1 radio-controlled digital switch <b>MOTXR</b> . 2 standard arms (any length). 2 standard pipes (any length). 2 gate brackets and hooks. 1 control unit <b>MC824H</b> . 1 24 V battery <b>PS324</b> .



### Accessories for a complete installation:

Code	Description
<b>MC824H</b>	Complete control panel for single or double swing gates including MCA1 control board
<b>MCA1</b>	Spare control board for MC824H
<b>PS324</b>	24 V battery with integrated battery charger
<b>ARM(S)(M)(L)</b>	Standard arm available in 350 mm (Short), 500 mm (Medium), 700 mm (Long)
<b>ARMR(S)(M)</b>	Reinforced arm available in 350 mm (Short), 500 mm (Medium)
<b>ARMG(S)(M)(L)</b>	Galvanized arm available in 350 mm (Short), 500 mm (Medium), 700 mm (Long)
<b>ARMRG(S)(M)</b>	Reinforced galvanized arm available in 360 mm (Short), 500 mm (Medium)
<b>PIPE(S)(L)</b>	Standard pipe available in 1000 mm (Short), 1500 mm (Long)
<b>PIPEG(S)(L)</b>	Galvanized pipe available in 1000 mm (Short), 1500 mm (Long)
<b>PIPEKIT</b>	Gate bracket and hook
<b>PIPEKITZP</b>	Galvanized gate bracket and hook
<b>FBOX</b>	Foundation box
<b>FBOXZP</b>	Foundation box galvanized