

For swing gates with leaves up to 2 m, and versions with large pillars and lightweight structures.

Irreversible electromechanical 24 Vdc gear motor **with articulated arm**, surface mounted. Intensive use.

24 Vdc versions complete with limit switch on opening:

- with built-in control unit, compatible for operation with Solemyo system (PP7024);
- with built-in control unit, compatible for operation with Opera and Solemyo systems and Nice BlueBUS technology (PP7124);
- without control unit (PP7224).

Resistant and compact: 167 mm in width, ideal for any kind of post. Small shockproof body with aluminium base.

Energy saving, respect for the environment, autonomy: 3 standby modes to reduce mains consumption, or battery power consumption if connected to the Solemyo kit.

Powerful: thanks to the 250 Nm torque (in the versions PP7124 or PP7124+PP7224).

No blackout: with the optional batteries (PS124) housed inside the gear motor.

User friendly: release with personalized Nice key, designed for cord-type release.

Easy to install: no welding.

Built-in control unit.

Just 3 keys to facilitate programming:

- deceleration on opening and closing;
- obstacle detection system, can be linked to the 8.2 KOhm resistive sensitive edge, fototest;
- easy option of connecting additional pairs of photocells, foto2 (for PP7124);
- automatic memorization of limit switches on opening and closing with self-learning function;
- programming of pause time;
- pedestrian open and partial open.

Everything under control: thanks to the provision for operation with the **Opera BUS T4 system**, the **O-View** control unit can be used to expand the options for programming, control and diagnostics of the automation, both on site and remotely.

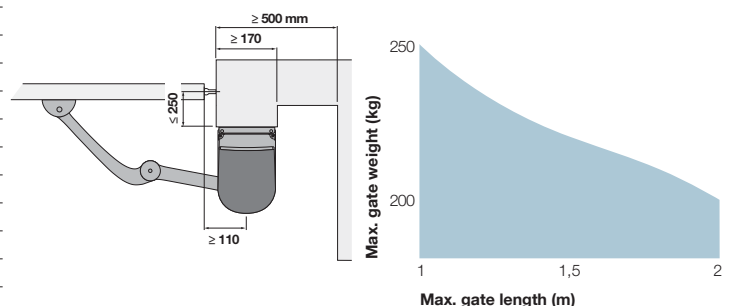
Code	Description	Pack/pallet
PP7024	Irreversible, 24 Vdc, with articulated arm, with built-in control unit	22
PP7124	Irreversible, 24 Vdc, with control unit equipped with Nice BlueBUS technology, compatible for operation with Opera and Solemyo	22
PP7224	Irreversible, 24 Vdc, with articulated arm, without control unit	22

Technical specifications

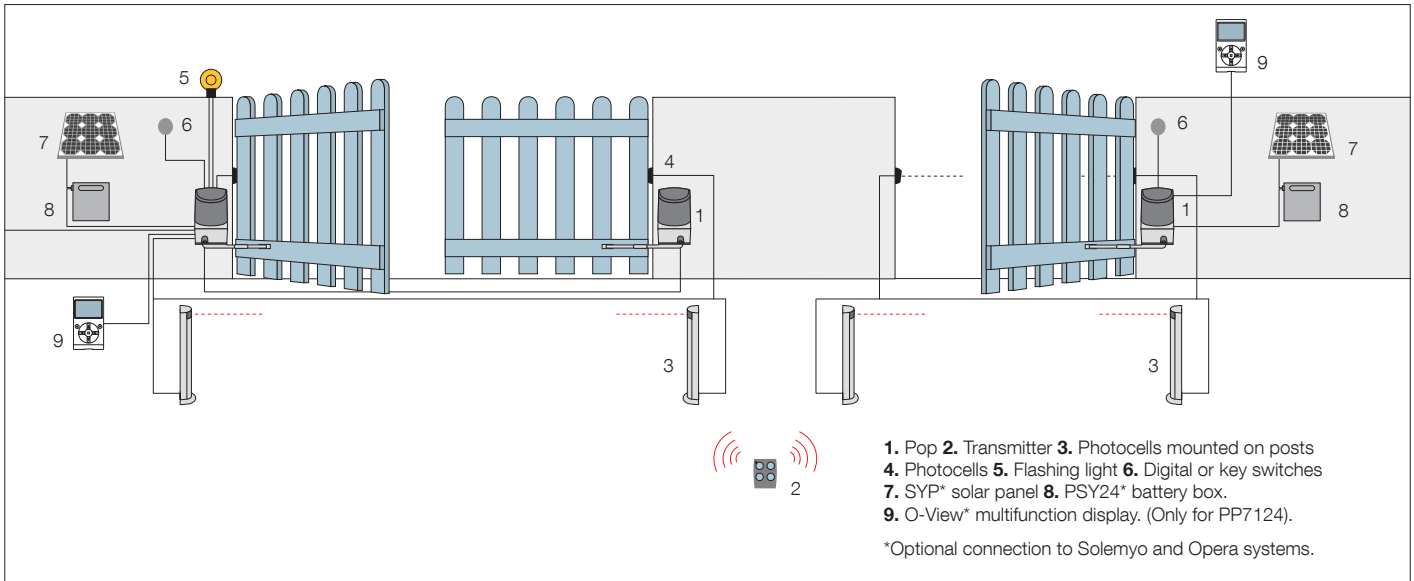
Code	PP7024	PP7124	PP7224*
Electrical data			
Power supply (Vac 50/60 Hz)	230		-
Power supply (Vdc)	-		24
Absorption (A)	1	1,3	3 - 4**
Power (W)	75	280	75 - 100**
Performance data			
Speed (Rpm)	1,68		
Torque (Nm)	180	250	180 - 250**
Work cycle (cycles/hour)	25	35	25 - 35**
Dimensional and general data			
Protection level (IP)	44		
Working temp. (°C Min/Max)	-20 ÷ +50		
Dimensions (mm)	167x254x315 h		
Weight (kg)	10	9	

* Version without control unit ** Only if associated with PP7124

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.



Accessories



POA3
Spare control unit for PP7124.



POA1
Spare control unit for PP7024.



PS124
24 V battery with integrated battery charger.
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



KIO
Key-operated selector switch for low voltage contacts, with release mechanism for metal cord.
Pc/pack 1



KA1
6 m cable release kit for KIO.
Pc/pack 1



TS
Signboard.
Pc/pack 1

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 186/187

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 140/141