



FOIL S/P

Electromechanical operator for leaf length up to **6 m** or max. **500 kg** weight



FOIL P



FOIL S



Manual release



Spheric joint

- ▶ Electromechanical operators for swing gates for residential or commercial use
- ▶ Stroke 400 mm (FOIL S) or 500 mm (FOIL P)
- ▶ Font fixing plate with strong endelss screw of 20 mm (FOIL S) - 25 mm (FOIL P)
- ▶ Available in low voltage 24V or in high voltage 220V
- ▶ Optional mechanical stops (only for FOIL S)
- ▶ Robust, electromechanical operator with die-cast aluminium body
- ▶ Built in Absolute Encoder POSITION GATE RT to find the exact position of the moving leaf with a linear precision comparable to the hundredth of a degree.



SPECIFICATIONS	FOIL S / P
Power supply	230Vac±5% - 50/60Hz 24V
Motor Power	230 W (FOIL 230 S) 60 W (FOIL 24 S)
Shaft Stroke	400 mm (FOIL S) 500 mm (FOIL P)
Max ducty cycles	100% (UNIGATE)
Working temperature	-20°C /+ 50°C
Weight	10 kg
Max leaf length	4 m (FOIL S) 6 m (FOIL P)
Opening degrees	90°- 120°
Shaft speed	1,6 cm / sec
Protection class	IP44
Max thrust	3000 N (230V) 2000 N (24V)



UNIGATE

- Digital control unit with LCD display
- Adjustable speed
- Adjustable acceleration/deceleration
- Continuous motor cycles
- High strength in slowdown
- Possibility to manage obstacle reverse

Integrated functions on the UNIGATE INVERTER

- 2 relay contacts
- 2 programmable GPIO outputs
- LE card on board for potentiometer
- Relay card on board
- PROBE heater card on board



- Management of two FV inverters for 2 motors or 2 PM modules for 4 motors
- Timer on board with buffer battery and management of 2 time bands
- 2 Ah switching transformer of which about 1.3 Ah free for other accessories

Advantages:

- + Duty cycles
- + Torque
- + Speed (adjustable)
- + one model 90V to 265V

ACCESSORIES



Battery kit with box



20W solar panel +
ESUN Q + battery 12 Ah



ESUN Q
Battery charger 800 mA
with solar panel admin

