

Maximum Leaf Length

12 ft

Maximum Leaf Weight

500 lb

## Electromechanical swing gate operator



- Sleek design
- Opening and closing mechanical stops built-in
- Effective stroke of 13.8" (350mm)
- New "multi-position" bracket for non-welded installation
- Maximum safety thanks to the E024U control board reverse on contact feature
- Built-in battery backup to ensure operation in case of power outage
- Compliant with UL325 for Class I,II,III and IV applications



### TECHNICAL SPECIFICATIONS

Input Voltage	24 Vdc
Power	35 W
Current	1.5 A
Maximum thrust	404 lbf (180 daN)
Rod stroke	13.8 in (350 mm)
Rod stroke without mechanical stops	15.3 in (390 mm)
Rod extension speed	0.7 in/s (1.8 cm/s)
Leaf max. width	12 ft (3.7 m)
Leaf max. weight	500 lb (227 Kg)
Operating ambient temperature	-4°F - 131°F (-20°C - +55°C)
Use frequency	continuous
Operator Weight	13.2 lb (6 kg)
Dimensions (L x D x H)	32.5 x 4 x 4.9 in (825x104x125mm)
Protection class	IP 54

### NOTE

- Mounting dimensions, wind factor and gate design will affect performance specification
- Use frequency is measured at an ambient temperature of 72 °F (20 °C) . Temperature variation will affect it.
- An electric or magnetic lock is recommended for any gate longer than 12 ft (3.6 m).

## S418

Model	Shipping Wt (approx)	Part No
S418 - Basic Single Kit	48 lb (21.8 Kg)	104301.5
S418 - Operator only	18 lb (8.2 Kg)	10430115
S418 - LE Single Kit	48.5 lb (22 Kg)	999001
S418 - LE Dual Kit	66 lb (30 Kg)	999002

### The package S418 - Basic Single Kit contains:

Qty	Description	Part Number
1	Operator S418	10430115
1	E024U Enclosure Kit	3350.1
2	Batteries 12V 8 Ah	3540
1	Receiver 433 RC Plug In	787741
2	4-channel transmitter XT4 433 RC	787453

### The package S418 - LE Single Kit contains:

Qty	Description	Part Number
1	Operator S418	10430115
1	E024U Enclosure Kit type LE	3350LE.1
2	Batteries 12V 8 Ah	3540

### To make a master/slave (bi-parting) kit add these parts

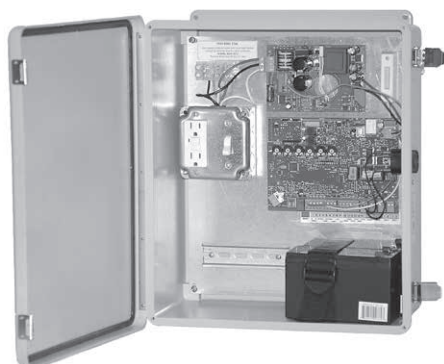
Qty	Description	Part Number
1	Operator S418	10430115
tbd	Cable AWG 12 - 2 conductors (operator) *	2197

(\* ) The AWG 12 cable can be used for connections of up to 50' of length between the operator and the control board.

### The package S418 - LE Dual Kit contains:

Qty	Description	Part Number
2	Operator S418	10430115
1	E024U Enclosure Kit type LE	3350LE.1
2	Batteries 12V 8 Ah	3540

# E024U 24V Control Board



- UL325 and UL991 safety standard compliant
- Powerful and efficient switching Power Supply
- Easy Programming with trimmers and dip switches
- One pushbutton automatic time learning
- Self resetting fuses
- Built-in battery backup
- Low current idle mode to preserve battery
- Opening and closing delays selectable for overlapping gates
- Speed and force adjustable with trimmers
- Control Board firmware upgradable via USB
- Solar Powered option

## TECHNICAL SPECIFICATIONS

Input Voltage	115 VAC (+10% -6%)
Input power	400 W max - 4W stand by
Motor output current max	7 A
Accessory Power	24 Vdc - 500 mA
Operating Temperature	-4°F - 131°F (-20°C - +55°C)
Dimensions	17.5 x 15.5 x 6.2 in (445x393x157mm)
Weight (without batteries)	15.5 Lbs (7 kg)
Protection class	NEMA type 3, 3R, 4, 4X, 12 and 13
Operating logics	Semiautomatic (E); Automatic (A); Security (S); Semiautomatic step by step (EP); Automatic step by step (AP); Security step by step (SP); Manned pulsed (B); Manned constant