



# COMPACT 1600

**Hydraulic** in-ground operator for multifamily swing gate max leaf length of **16 Ft** or **1600 Lbs** max. weight



Adjustable Positive stops



Hydraulic slowdown open/close adjustment screw



Emergency hydraulic manual release

- ▶ The functioning of the operator through oil and the inner lubrication of all mechanical components grant a long time lasting
- ▶ Optional mechanical/electronic limit switch IP 67 for accurate operation on physical stops
- ▶ Adjustable mechanical positive stops in opening and closing in the box (optional) and hydraulic slowdown for smooth leaf approach
- ▶ Universal right/left hand side
- ▶ Available on request models with bigger pumps for an higher speed
- ▶ Duty cycles\*: 45 per hour

SPECIFICATIONS	COMPACT
Power supply	120V (50/60 Hz)
Power Consumption (W)	300 W
Operating T° range (F°)	-4°F to 131°F*
Opening 90° (sec)	7 sec
Cycles/hour	45
Duty	residential condominium
Protection class	3R Type
Max leaf length	16 Ft
Max leaf weight	1600 Lbs
Max opening angle (degrees)	140°
Maximum force output	56 daNm (5600 Nm)
Anti-crushing protection	by pass/ electronic
Limit switch	mechanic optional
Slowdown	hydraulic
Battery backup	STAR 400/800

# UNIGATE - I

## INVERTER technology



### UNIGATE 2I (INVERTER)

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

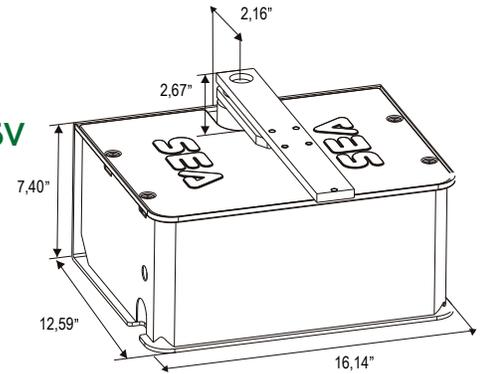
#### Integrated functions on the UNIGATE INVERTER

- 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 backup**  
Kit for 110V AC motors with fan cooling system batteries not provided



**OIL**  
Green oil in 1 quart bottle



**LOCK KIT 12V**  
Electric lock Counter-plate for horizontal or vertical mounting external and internal cylinder



**PSCE**  
Mechanical / electronic stop (2 pcs for 1 motor) for better slowing down function



**BOXCI**  
Self-carrying box in stainless steel



**BOXC**  
Treated box (cataphoresis) with stainless steel lid



**PROBE**  
kit probe to manage low temperature (card LE + cable 6 feet)



**LOCKINTP**  
Manual release PLUS with lock (1 pc)



**PSC Adjustable mechanical**  
stops in opening and closing (1 pc) \*



**G-LOCK**  
Magnetic Lock

PACKAGE COMPACT
N.1 COMPACT
Carton box 16,9x9x6,6H inches - 30 Lbs
12 pcs for pallet
Carton box of Carrying box
16,9x9x 6,6H inches - 37 Lbs



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