



Nice



# Juno

## Compact, powerful residential gate operator

The Nice Juno slide gate operator is a modern, compact powerhouse for moving residential gates.

Programmed and controlled using the integrated Nice Mercury 310 controller, Juno utilizes a motor, gearbox, and output sprocket to smoothly move a chain attached to a sliding gate. The Juno system runs on a 12VDC battery with battery charger and MPP solar controller built into the control board.

Full open and close positions are established with magnetic targets installed at each end of the drive chain. Automatic gate position sensing technology allows for smooth gate slowdown when traveling to full open or close positions.

**Sleek, modern design with the power of a light commercial operator.**

**Powerful** Moves gates up to 800 lbs and 40 ft long.

**Quiet** Soft-start and soft-stop for smooth and quiet operation

**Capable** Simple, powerful, and efficient Mercury 310 controller

**Flexible** AC or solar power options.

**Sleek** Integrated photo eye and driveway light

**Secure** Lockable front-mounted manual release

**Attractive** Modern enclosure design suits residential environments

**Reliable** Battery power ensures operation even in power outages

**Configurable** Adjustable slowdown points can be set with the easy-to-program Mercury 310 Controller

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### Mercury 310 Controller

- Simple to setup controller parameters – no special programming needed
- Solar-ready with integrated battery charger and MMPT technology
- One-step firmware update process
- Very low standby current maximizes battery life in solar installations
- Built-in UL 325 Type C entrapment protection for added safety\*\*



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about Juno

### TECHNICAL SPECIFICATIONS

Model	Juno 310 AC	Juno 310 Solar
Battery Included	(1) 8Ah battery	(2) 8Ah batteries (16Ah total)
Duty Cycle	Continuous duty	
Drive	Electromechanical	
Rate of Travel	1 ft/sec (30 cm/s)	
Gate Length Max.	40 ft (12m)	
Gate Weight Max.	800 lb (362 kg)	
Temperature Rating	-4° to 122° F (-20° to 50° C)	
Operating Voltage	12VDC	
Input Voltage	120v AC Input	12v rated solar panel†
Idle Current	10mA	
Accessory Power	Regulated 12V 500mA always on (2 locations); Regulated 12V 500mA standby off (2 locations)	
Included Accessories	OXIBD/A receiver, (2) ON2E/A transmitters, (1) BlueBUS reflective photo eye, (1) internally mounted BlueBUS reflective photo eye and light. 30' #40 corrosion-resistant chain.	
Communication	BlueBUS, USB port, OXI	
User Controls	Mercury 310 Controller	
Enclosure	17.2" w x 16" h x 10.8" d (43.8 w x 40.8 h x 27.5 d cm)	
Finish	Molded UV stabilized, durable cover	
ETL Listed (UL 325)	Usage Class I, II	
Warranty	3 year w/product registration	

\*If the operator is AC powered, the battery, (included, but not required) if present, will be a backup for when AC power is lost. If the operator is solar powered, a 12V solar panel is required.  
The Juno 310 Solar model comes with (2) 8Ah batteries. Depending on the number of connected accessories, cycles per day and number of sunlight hours per day, an additional battery may be required to meet your solar application needs.

\*\*A minimum of one monitored entrapment protection device in each direction is required by UL325 for all slide gate operators. The installer is required to ensure all UL325 and ASTM2656 requirements are met.

†max OCV = 30VDC, Vmpp =16-20v

The Mercury 310 controller is equipped with an internal battery charger.



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