

# Mercury 310

## Next Generation Residential Controller

Simplified UL 325 compliance.



## Features:



### Simple:

Easy to understand, access and set controller parameters



### Safety:

UL 325 Type C force limiting mitigates the need for additional external safety devices\*



### Solar ready:

Integrated battery charge controller with MPP Optimizes battery charging from a wide variety of solar panels



### Efficient:

Very low standby power maximizes battery life and prominent Battery Health LED warns of potential battery problems



### Compatible:

Uses the full line of Nice BlueBUS and OXI accessories

\*Nice recommends adding an external entrapment device, such as photo eyes or edge sensors for enhanced protection



# Mercury 310 Controller

For use with Residential Linear Actuators



## Technical Specifications

<b>Model</b>	Mercury 310
<b>Solar</b>	Yes, 12V / 2A with MPP
<b>Single or Dual Gate</b>	Single or dual
<b>Gate Sync</b>	Yes
<b>Slide Compatible</b>	No
<b>Swing Compatible</b>	TITAN, Apollo
<b>Temperature Rating</b>	-4 F to 122 F (-20 C to 50 C)
<b>Input Voltage</b>	18 to 24 VDC
<b>Operating Voltage</b>	12 VDC
<b>Maximum Current</b>	30A
<b>Standby Current</b>	10mA
<b>Accessory Power</b>	12V 500mA always on (2 locations) 12V 500mA standby off (2 locations)
<b>BlueBUS</b>	Yes
<b>Board Dimensions</b>	7.3w x 7.2h x 1.2d inches
<b>Communciation</b>	BlueBUS, USB port, OXI, 433MHz remote
<b>User Controls</b>	Function selection dial, open, close stop/clear buttons, value adjustment increase and decrease buttons, remote programming buttons
<b>Inputs</b>	Remote, Open, Close, Stop, Fire
<b>Relays</b>	None
<b>ETL Listed (UL 325)</b>	Usage Class I, II
<b>External Entrapment Sensor Options</b>	BlueBUS and 10K monitored sensors
<b>Important Notes</b>	3 year warranty with product registration

## Operators



Apollo Linear Actuator



TITAN Linear Actuator

## Control Boxes



**SolarBOX**  
with Mercury 310  
Controller  
Ideal for Solar  
Installations

18w x 18h x 8d inch



**ACBOX**  
with Mercury 310  
Controller  
Ideal for AC Installations

12w x 18h x 8d inch