

Mercury 310

Next Generation Residential Controller

Simplified UL 325 compliance.



Features:



Simple:

Easy to understand, access and set controller parameters.



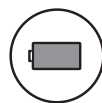
Safety:

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

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

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

Operators



Apollo Linear Actuator



Find information on Federal Income Tax Residential Solar Credit here:
<https://support.hysecurity.com/hc/en-us/articles/4411636518807-Residential-Solar-Tax-Credit>

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Nice/HySecurity is an industry leader of automated gate and perimeter security solutions.
The HySecurity brand provides high-quality, ultra-reliable industrial gate operators and crash-rated, Hostile Vehicle Mitigation (HVM) vehicle barriers designed to secure and protect critical infrastructure and facilities worldwide.

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