

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

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

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



Contact Nice for an operator/parts distributor near you.
phone 253-867-3700 | 800-321-9947
hysecurity.com | sales@hysecurity.com

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