Altronix®

Rev. 08052022

LPS3

Linear Power Supply/Charger

Altronix LPS3 linear power supply/charger converts a low voltage AC input into a 12VDC or 24VDC output. The unit is specifically designed to provide the power needed by the most demanding security and access control applications.

LPS3

Specifications

Input

Voltage	16VAC or 28VAC

Outputs

Voltage	12VDC or 24VDC selectable
Current	2.5A continuous supply current
Other	Short circuit and thermal overload protection Filtered and regulated

Battery Charging

Type	Sealed lead acid or gel type
Failover	Upon AC loss, instantaneous

Batteries are sold separately

Indicators (LED)

Input	Input voltage is present
DC Output	Powered

Physical and Environmental

Dimensions (L x W x H)

Board:	7” x 4” x 2” (177.8mm x 101.6mm x 50.8mm)
Shipping:	10” x 8” x 4” (254mm x 203.2mm x 101.7mm)

Weights (approx.):

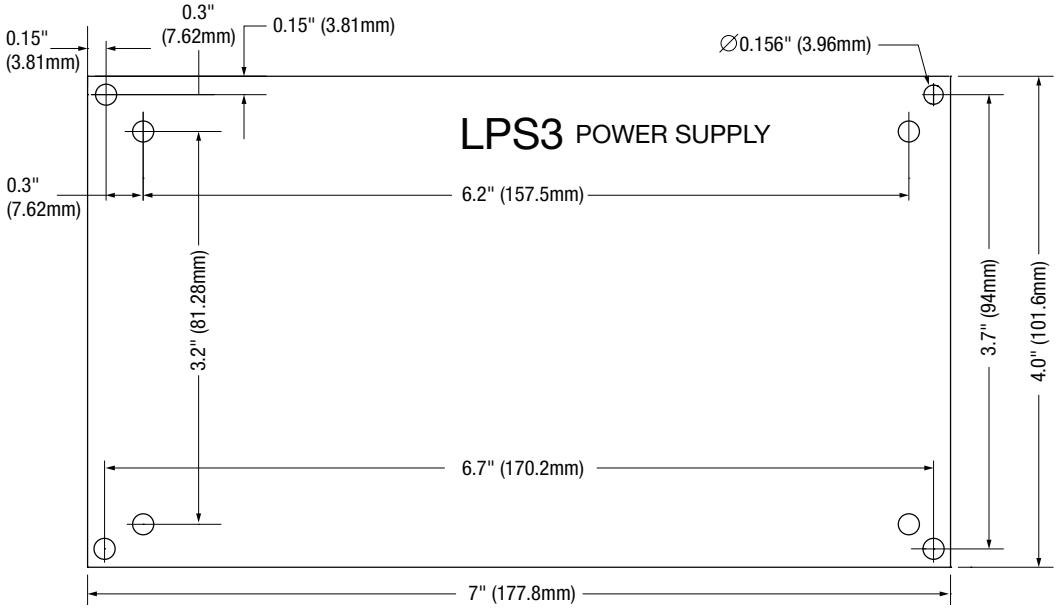
Product:	1.75 lb. (0.79 kg)
Shipping:	2.0 lb. (0.9 kg)

Temperature

Operating:	0ºC to 49ºC (32ºF to 120ºF)
Storage:	– 20ºC to 70ºC (– 4ºF to 158ºF)
Relative Humidity	20 to 85%, non-condensing
BTU/Hr (approx.):	12VDC: 17 BTU/Hr. 24VDC: 32 BTU/Hr.

Dimensions and Drawing

Board Dimensions (L x W x H approximate)
7” x 4” x 2” (177.8mm x 101.6mm x 50.8mm)
Mounting Holes’ Tolerance: +/– 0.04 in. (1mm)



Lifetime Warranty

Altronix Corporation | 140 58th St | Brooklyn, NY 11220 USA
phone: +1 718.567.8181 | fax: +1 718.567.9056 | email: info@altronix.com | www.altronix.com