

Tango1B

PoE Driven Power Supply with Lithium Battery Backup



Altronix Tango1B UL Listed PoE Driven Power Supply converts an IEEE802.3bt 4PPoE input into a regulated 24VDC and/or 12VDC output up to 72W. Ideal for access installations, it eliminates the need for high voltage power supply inside of an enclosure. The Tango 8-pin connector allows for stacking with compatible Altronix sub-assemblies such as ACMS8, LINQ8ACM and PDS8 - saving valuable enclosure space.



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Specifications

Ethernet Input

- 802.3bt PoE up to 90W or
- 802.3at up to 30W or 802.3af up to 15W
- CAT-6 or higher cable is recommended for optimum performance

Power Output

- 12VDC up to 6A (72W), and/or 24VDC up to 3A (72W).
- Combined output not to exceed 72W.

When charging batteries:

- 12VDC up to 5A (62W) and/or 24VDC up to 2.7A (62W)
- Combined output not to exceed 62W

Ethernet Output

- Pass-through Ethernet Port (data only).

Battery Charging Circuit

- 12VDC battery charger for Lithium Iron Phosphate Battery (LiFePO4 only)
- Unique technology allows for single battery to backup 12VDC and/or 24VDC systems

Supervision

- Loss of PoE Input.
- Battery Supervision

Indicators (LED)

- | | |
|-------------|---------------------------------------|
| Input | Indicates input voltage is present. |
| Output | Indicates normal operating condition. |
| PoE Type | PoE Class Indicator |
| Supervision | PoE Fail or BAT Fail |

Agency Listings

- UL 294 6th Edition: Access Control System Units.

Physical and Environmental

Dimensions (L x W x H)

- 7.625" x 4.125" x 1.25" (193.7 mm x 104.8 mm x 32 mm).

Product Weight

- 0.7 lb. (0.32 kg).

Shipping Weight

- 0.95 lb. (0.43 kg).

Temperature

Operating

- 0°C to 49°C (32°F to 120°F).

Storage

- 20°C to 70°C (-4°F to 158°F).

Relative Humidity

- 85% +/-5%.

BTU/Hr. (approx.)

- 54 BTU/Hr

Mounting hardware included.

Accessories

NetWay1BT – 802.3bt (4PPoE) Midspan/Injector

- Single port midspan/injector delivers up to 90W max

NetWay4BT – 802.3bt Midspan

- 4-Port midspan/injector delivers up to 90W per por (480W max)

NetWay8BT – 802.3bt Midspan

- 8-Port midspan/injector delivers up to 90W per por (480W max)

PDS8(CB) - Dual Input Power Distribution Modules

- 12VDC and/or 24VDC is distributed over a total of eight (8) fuse or PTC protected selectable outputs.

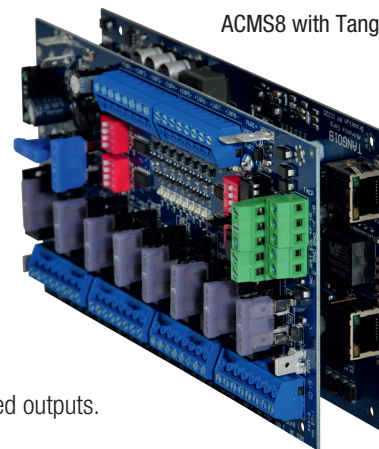
ACMS8(CB) - Dual Input Access Power Controllers

- Power is distributed over a total of eight (8) fuse or PTC protected Fail-Safe and/or Fail-Secured relayed outputs.

LINQ8ACM(CB) - Dual Input Network Access Power Controllers

- Power is distributed over a total of eight (8) fuse or PTC protected Fail-Safe and/or Fail-Secured relayed outputs.
- Control, monitor and report power/diagnostics from anywhere over the network.

ACMS8 with Tango



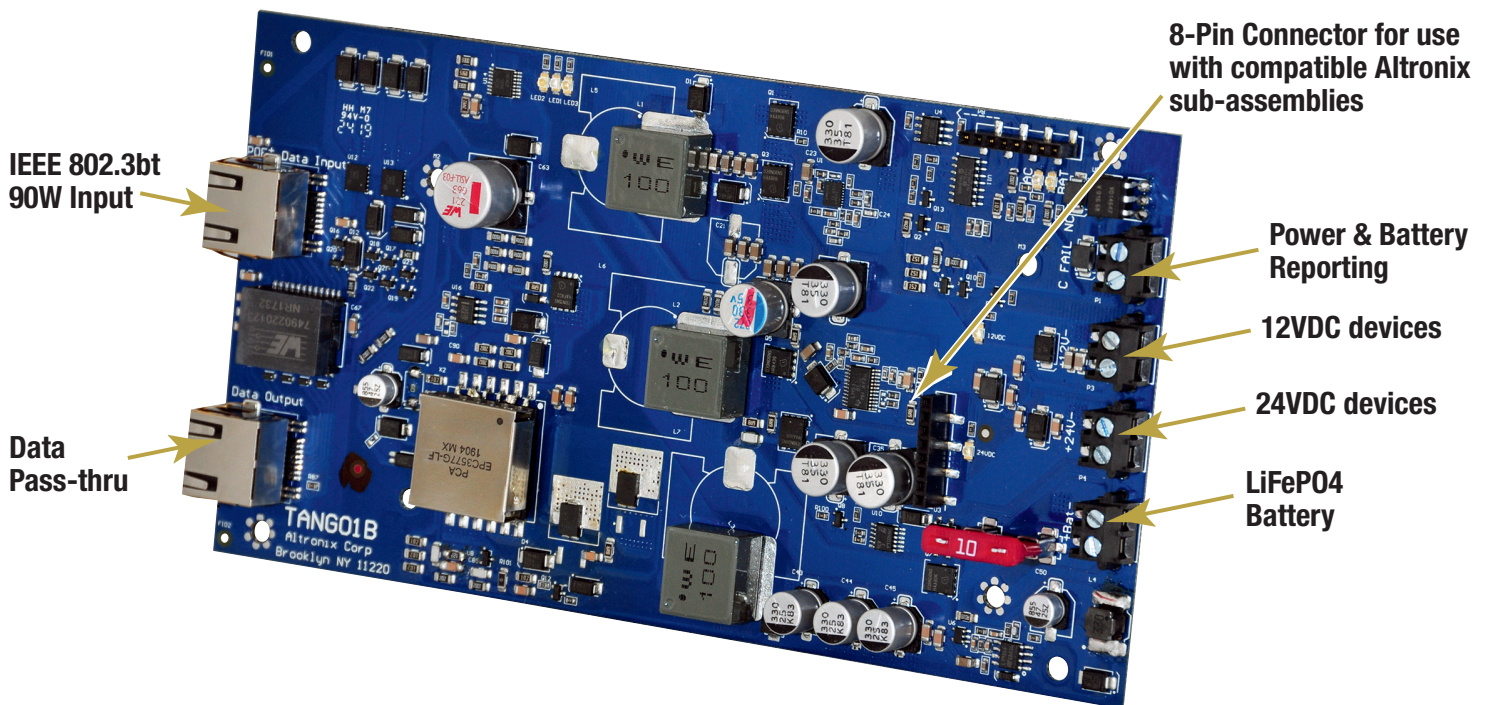
Lifetime Warranty

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Altronix® TANGO

Revolutionizing the Power of Access Control



TANGO1B

PoE Driven Power Supply with Lithium Battery Backup:

- Utilizes 4PPoE (802.3bt) to simultaneously deliver 12VDC & 24VDC for powering access control and security devices
- Built-in Lithium Iron Phosphate (LiFePO4) battery charger for optimized power backup
- Designed to stack with Altronix sub-assemblies, saving valuable enclosure space
- Operates with midspan/injectors such as Altronix NetWay1BT, NetWay4BT or NetWay8BT
- Eliminates the cost of a licensed electrician
- Lifetime warranty, Made in the U.S.A.