

Tango1B

PoE Driven Power Supply with Lithium Battery Backup

Description

Altronix Tango1B PoE Driven Power Supply converts an IEEE802.3bt 4PPoE input into a regulated 24VDC and/or 12VDC output up to 75W. 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 and PDS8, saving valuable enclosure space.



Specifications

Ethernet Input

802.3bt PoE up to 90W or
802.3at up to 30W or 802.3af up to 15W

Power Output

12VDC up to 6.25A (75W), and/or 24VDC up to 3A (75W).
Combined output not to exceed 75W.

When charging batteries:

12VDC up to 5.4A (65W) and/or 24VDC up to 2.7A (65W)
Combined output not to exceed 65W

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

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

NetWay8BT – 802.3bt Midspan

- 8-Port, 480W midspan/injector delivers up to 90W per port

PDS8/PDS8CB - Dual Input/Output Power Distribution Modules

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

ACMS8/ACMS8CB - Dual Input/Output Multi-Output Access Power Controllers

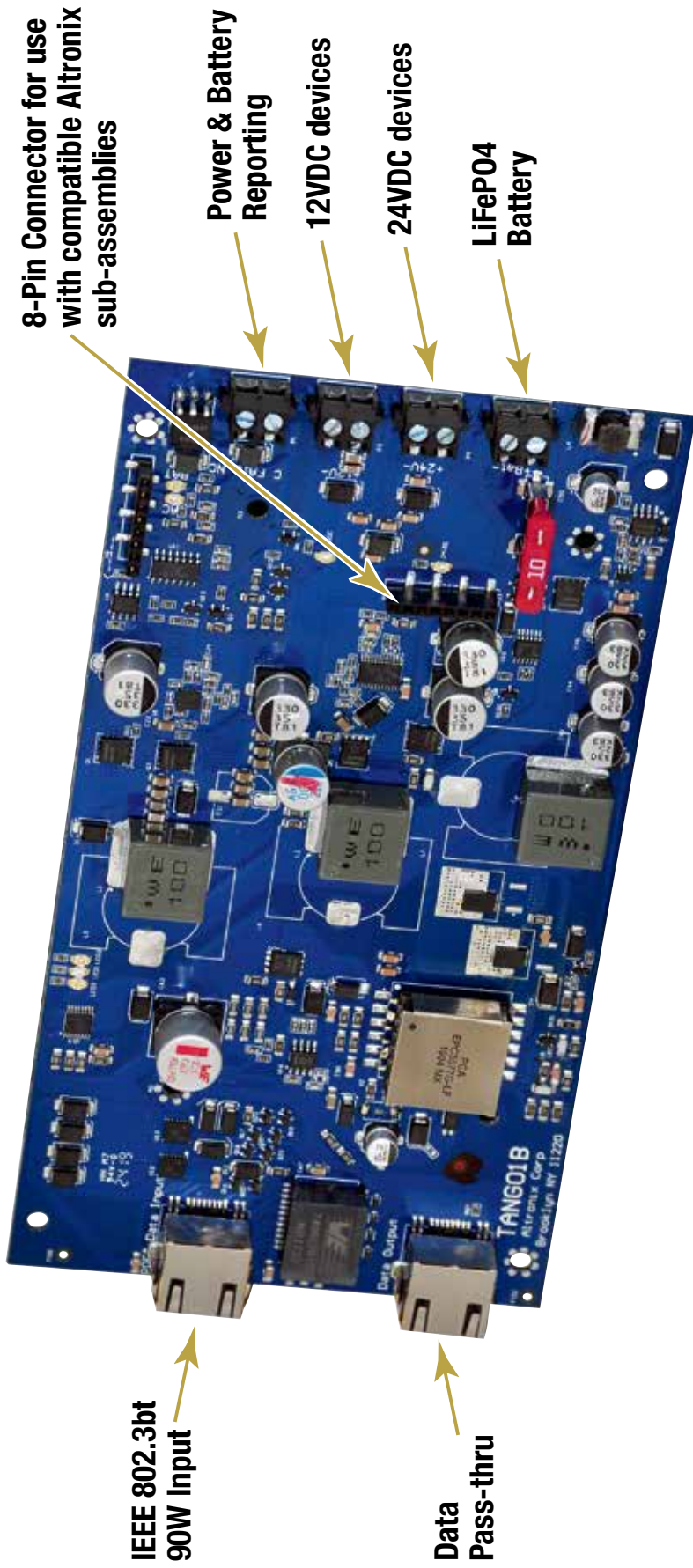
- Power is distributed over a total of eight (8) fuse or PTC protected Fail-Safe and/or Fail-Secured relayed outputs.



ACMS8 with 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 (LiFeP04) battery charger for optimized power backup
- Designed to stack with Altronix sub-assemblies, saving valuable enclosure space
- Operates with Midspans such as Altronix NetWay8BT
- Eliminates the cost of a licensed electrician
- Lifetime warranty, made in the USA

