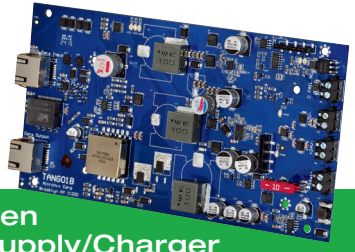

Altronix®
FEATURED
IP & POWER PRODUCTS
SECURITY | ACCESS | FIRE | SURVEILLANCE

TANGO

PoE Driven Access Power



PoE Driven Power Supply/Charger

TANGO1B

- Utilizes 4PPoE (802.3bt) to simultaneously deliver 12VDC and 24VDC
- Provides up to 72W for access devices.
- Powered by any 802.3bt PoE power source up to 90W.

Leverage 802.3bt 4PPoE to power access control eliminating high voltage and reducing overall cost.

Features:

- Eliminates need for a dedicated AC power circuit, providing tremendous savings by using low-voltage installation and wiring methods.
- Built-in lithium iron phosphate (LiFePO4) battery charger for optimized backup.
- Operates with Altronix midspan/injectors such as NetWay1BT, NetWay4BT or NetWay8BT - up to 90W.
- UL Listed in the U.S., CE Approved.

BTL125 - LiFePO4 Battery

- 12VDC / 4.5A Lithium Iron Phosphate Battery.
- Longer cycle life (greater than 5,000).
- Up to 99% efficiency, allowing faster charging with minimal loss.
- Lower self-discharge rate.
- Reduces service calls and maintenance.
- 10 year shelf life.
- Up to 40% more up time vs. an equivalent sized sealed lead acid battery.
- Single battery saves space, cost, weight and labor.



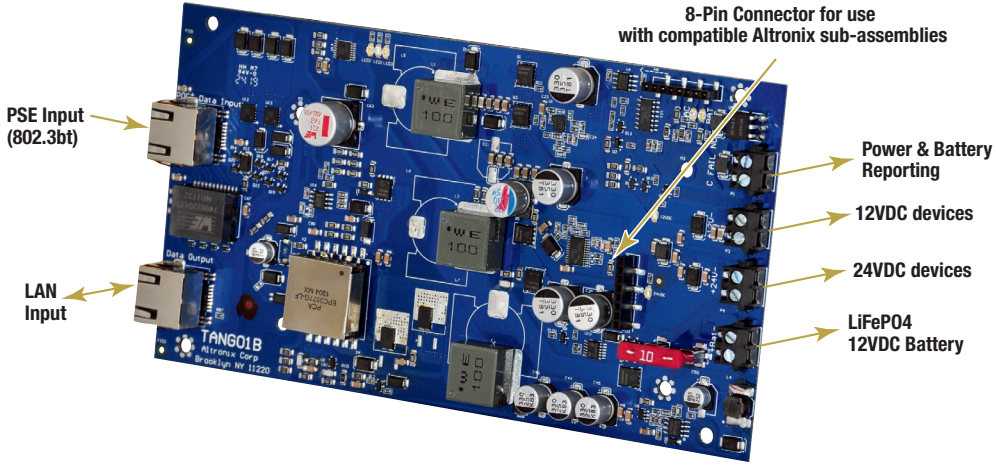
Altronix® *More than just power.™*

TANGO

PoE Driven Access Power Series

Revolutionizing Access Control Power

Now power your access system with 4PPoE, 802.3bt...



System Design Calculator

TANGO

PoE Driven Access Power

Utilize 4PPoE to simultaneously deliver 12VDC and 24VDC

PoE Driven Access Power Controller

TANGO8A

- Provides up to 65W for access devices.
- 8-fuse protected trigger controlled lock outputs.

TANGO8ACB - PTC outputs

PoE Driven Power Distribution

TANGO8P

- Provides up to 72W for access devices.
- 8-fuse protected power outputs.

TANGO8PCB - PTC outputs

PoE Driven Access Power Controller and Power Distribution

TANGO8AP

- Provides up to 65W for access devices.
- 8-fuse protected trigger controlled lock outputs and 8-power outputs

TANGO8APCB - PTC outputs



TANGO8AP

Features:

- Voltage is individually selectable by output.
- Bi-color LEDs indicate voltage output.
- Stackable sub-assemblies, save valuable space.
- Built-in lithium iron phosphate (LiFePO4) battery charger for optimized backup.
- Operates with Altronix midspan/injectors such as NetWay1BT, NetWay4BT or NetWay8BT - up to 90W.
- UL Listed in the U.S., CE Approved.

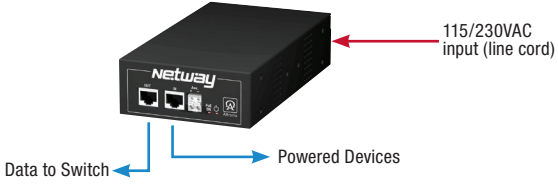
Netway® 802.3bt 4PPoE Midspan/Injectors

Support Tango PoE Driven power and the latest access control, surveillance devices, LED Lighting and more...

Single Port 802.3bt Injector

NETWAY1BT

- Single port provides 90W of total power.
- Additional 56V/90W Aux power output.
- 10/100/1000 Ethernet port.
- IEEE 802.3af, 802.3at and 802.3bt compliant.
- 115VAC/230VAC input (line cord).



Managed 802.3bt Midspan/Injectors

NETWAY4BT

- Supports up to four (4) IP/PoE devices.
- 90W full power per port (360W of total power).

NETWAY8BT



- Supports up to eight (8) IP/PoE devices.
- 90W full power per port (480W of total power)

- Multi-port units feature embedded LINQ™ Power Management Technology, control, monitor and report power/diagnostics over the network.

Features:

- IEEE 802.3af, 802.3at and 802.3bt compliant.
- 10/100/1000 Ethernet ports.
- Built-in battery charging *(RE2 - optional rack mount battery enclosure).*
- 115VAC/230VAC input (line cord).
- Compact 1U EIA 19" rack mount chassis.
- UL Listed in the U.S., CE Approved.

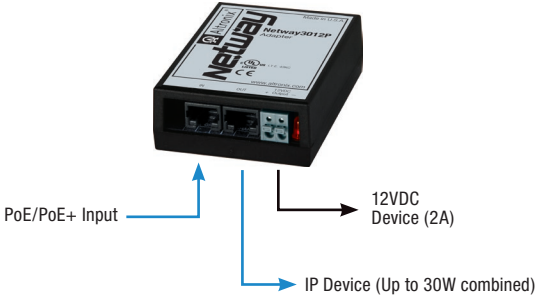
Netway® PoE Solutions

Power PoE cameras and 12VDC devices simultaneously

PoE Adapter/Converter

NETWAY3012P

- Provides PoE+ and converts PoE to 12VDC up to 2 amp
- Applications including PoE cameras and external microphones, control boards, switching equipment and more...
- 30W max combined
- Passes PoE/PoE+ from midspan/endspan.
- 10/100 Mbps



Compact PoE switch allows for system expansion - indoor or outdoor.

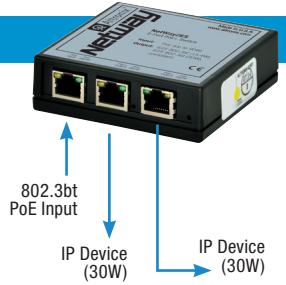
2-Port PoE+ Switch

NETWAY2ES

- Deploy up to 2-IP cameras/devices over a single CAT5 or higher structured cable.
- 30W max power per output (60W total)

NETWAY2ESWPN

- Outdoor version in compact NEMA 4/4X IP66-11 rated enclosure.



Features:

- IEEE 802.3af, 802.3at and 802.3bt compliant.
- 10/100 Ethernet ports.
- 802.3bt PoE input.



Altronix® *More than just power.™*

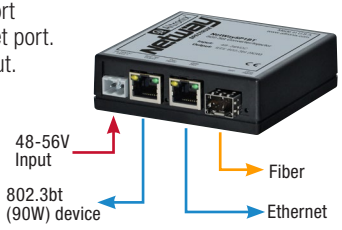
802.3bt 4PPoE & Fiber Solutions

Deploy 802.3bt devices at longer distances - utilizing fiber...

802.3bt Media Converter/Injector

NETWAYSP1BT

- Single PoE port provides 90W of total power.
- Data option: 1Gb SFP port or 10/100/1000 Ethernet port.
- Requires 48-56VDC input.
- CE Approved.



Outdoor 802.3bt Media Converter/Injector

NETWAYSP1BTWPN

- Outdoor version in compact NEMA 4/4X IP66-11 rated enclosure



Outdoor 802.3bt Media Converter/Injectors with Integral Power



NETWAYSP1BTWP

- Single PoE port provides 90W of total power.
- NEMA 4/4X IP66-11 rated enclosure.

NETWAYSP1BTWPX

- Larger NEMA 4/4X IP66-11 rated enclosure to accommodates batteries.

Features:

- IEEE 802.3af, 802.3at and 802.3bt compliant.
- Data option: 1Gb SFP port or 10/100/1000 Ethernet port.
- Built-in battery charger
- 115VAC/230VAC input.
- CE Approved.

PoE Switches & Media Converters

Deploy the 802.3bt PoE devices with or without local power...

Hardened 802.3bt PoE Switch with Integral Power

NETWAYSP4BTWP

- Supports up to four (4) IP/PoE devices such as cameras, illuminators, wireless access points and more...
- PoE ports rated up to 60W each, 180W total.
- Two (2) SFP ports (fiber uplink).
- Input: 115/230VAC
- Built-in LiFePO4 or SLA battery charging
- NEMA 4/4X IP66-11 rated enclosure.



NETWAYSP4BTWPX

- Larger NEMA 4/4X IP66-11 rated enclosure to accommodates batteries.

Hardened 802.3bt PoE Switch

NETWAYSP4BTWPN

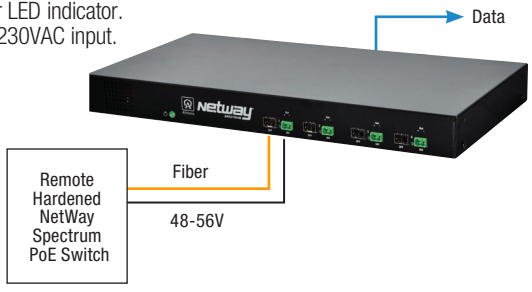
- Four (4) ports rated up to 90W, 180W total.
- One (1) SFP port (fiber uplink).
- Requires 48-56VDC input.
- NEMA 4/4X IP66-11 rated enclosure.



4-Port Media Converter with Built-in Power Supply/Charger

NETWAYSP4PX

- Provides 240W max per output (480W total).
- Four (4) SFP ports (fiber uplink).
- Built-in battery charger
  (RE2 - optional rack mount battery enclosure).
- AC power LED indicator.
- 115VAC/230VAC input.



Altronix® *More than just power.™*

NetWay Spectrum

PoE Switches with more power!

Deploy IP devices at remote locations with local power...

Hardened 802.3bt PoE Switches with Integral Power

NETWAYSP8WP2

- Supports up to eight (8) IP devices such as cameras, illuminators, wireless access points and more...
- PoE ports rated up to 60W each, 180W total.
- Two (2) SFP ports (fiber uplink).
- Input: 115/230VAC
- Built-in LiFePO4 or SLA battery charging
- NEMA 4/4X IP66-11 rated enclosure.

NETWAYSP8WPX2

- Larger NEMA 4/4X IP66-11 rated enclosure to accommodates batteries.

NETWAYSP8X2

- Indoor version (BC300 NEMA1 Rated enclosure)

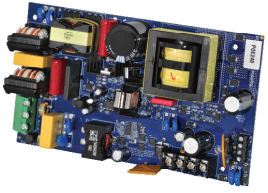
NETWAYSP8PL2

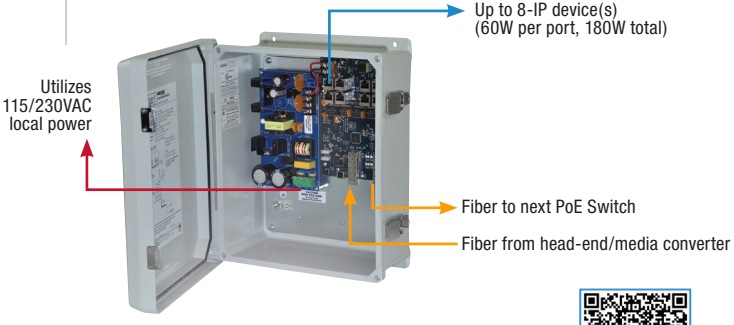
- PoE switch and power supply/charger on backplane.

240W Power Supply/Charger

POE240

- 56VDC/240W output
- 4.25A supply current
- Input: 115/230VAC
- Built-in LiFePO4 or SLA battery charging





See how NetWay Spectrum protects critical infrastructure over longer distances...

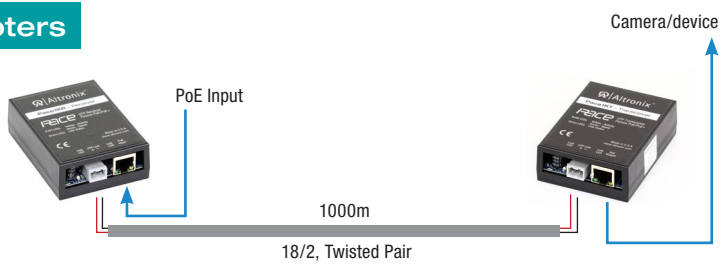
Long Range Ethernet

Extend Ethernet range up to 1000m...over twisted pair!

Long Range Single Pair Ethernet Adapters

Pace1KRT (kit)

- Cost-effective solution to facilitate IP devices that need to be installed at longer distances such as in elevator shafts, tunnels, bridges, HVAC, and more..
- Single port twisted pair adapter kit includes a Pace1KR Receiver and a Pace1KT Transceiver.
- Powered by PoE (30W) midspan (NetWay series)

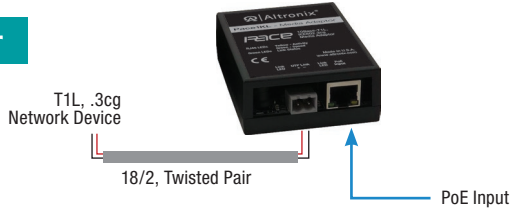


Deploy IP devices up to 1km over single pair

IEEE 802.3cg Compliant Ethernet Media Adapter

Pace1KL

- Offers design flexibility in maximizing cable reach for building and factory automation, including environmental sensors and industrial controllers.
- Single port twisted pair media adapter enables connecting 10Base-T1L, IEEE 802.3cg SPE complaint devices.
- Powered by PoE (30W) midspan (NetWay series)



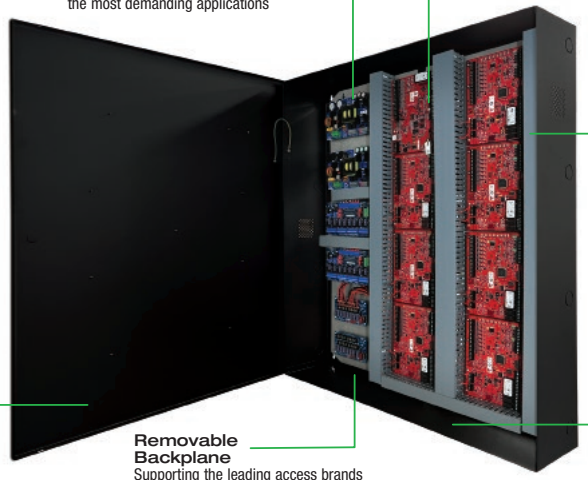
Altronix® *More than just power.™*

Access & Power Integration

Pre-configured kits with power distribution, wire assemblies, finger duct or wire magnets!

Features:

- Support the leading access controller brands including **Honeywell, Mercury, Software House** and more...
- Simplifies board layout and wire management, adding consistency to your installations.
- Altronix power and sub-assemblies pre-configured with custom wire assemblies for ease of deployment.
- High density slotted adhesive backed duct with covers facilitates routing and managing of wires for a complete, professional installation.
- Removable backplanes allow you to configure and test prior to on-site installation. reducing installation time and costs.



TROVE™

Access & Power Integration

Support up to 36-doors!

High Density Access and Power Integration Solution

TROVE3MBK3

- Supports up to 24-doors with power or 36-doors without power.
- Brackets accommodate Altronix power, sub-assemblies or Mercury platform controllers.
- Includes Trove3 enclosure, TM3B backplane with 36-BR3M angled brackets along with mounting hardware and accessories.

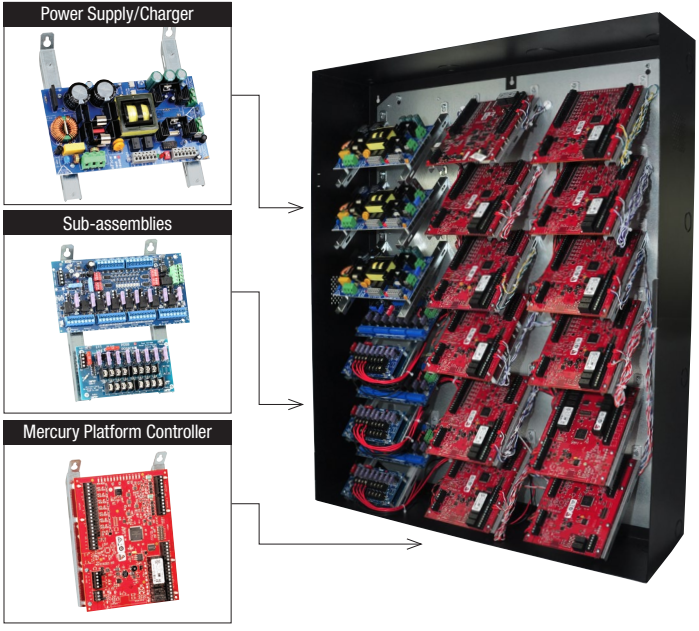
TROVE3MB3

- Includes Trove3 enclosure and TM3B backplane with mounting hardware and accessories.
- Angled brackets sold separately for custom applications.

BR3M2PK

- 2-pack of angled brackets for Trove3MB3

** Boards not included*



Altronix® *More than just power.™*

Compact access and power integration for small, retrofit applications.

Mercury Platform Access Solutions with Power Distribution Options

TM250

- Supports a single Altronix power supply/charger and select Mercury boards for access systems.
  - Up to two (2) EP1501 or MR51e.
- Accommodates up to two (1) 12VDC/4AH battery.
- Includes cam lock, tamper switch, and mounting hardware.



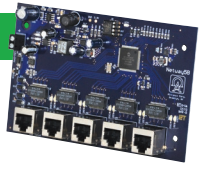
TM400

- Supports a single Altronix power supply/charger with Altronix sub-assemblies and and various combinations of select Mercury boards for access systems.
  - Up to three (3) MR50.
  - One (1) EP1501 or MR51e
  - One (1) EP4502, EP1502, MR52, MR16IN or MR16OUT.
- Accommodates up to two (2) 12VDC/7AH batteries.
- Includes cam lock, tamper switch, and mounting hardware.



Simplify system design and deployment with Altronix access control accessories.

5-Port Switch Board



NETWAY5B

- Utilizes a single network cable to connect up to four (4) network devices, reducing material and labor costs.
- Mounts on side of enclosure with BR1 bracket or mounting magnets (MM4)
- Input options of PoE, 12VDC or 24VDC.
- Five (5) 10/100/1000 Ethernet ports.
- IEEE 802.3af and 802.3at compliant.

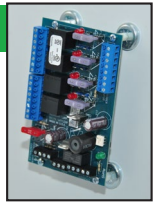
Sub-assembly Mounting Bracket

BR1

- Accommodates a single sub-assembly on the enclosure's side wall, saving valuable space.
- Custom made to fit Altronix enclosures.



Mounting Magnets



MM4 (4-pack)

- Customize any Altronix metal enclosure or backplane to accommodate power, sub-assemblies and accessories.
- Easy, fast installation saves time and labor, no drilling/welding required
- Can be reused and repositioned

MM8 (8-pack), **MM12** (12-pack), **MM24** (24-pack)

Wire Magnet / Cable Tie Mounts

WM5 (5-pack)

- Ideal for wire management in Trove series enclosures.
- Zip-tie slot rotates 360°
- Easy, fast installation saves time and labor, no drilling/welding required.
- Can be reused and repositioned.



WM25 (25-pack), **WM100** (100-pack)

Rocker Switches

RSB1

- Single Power ON/OFF rocker switch with mounting bracket

RSB2

- Dual Power ON/OFF rocker switches with mounting bracket.



Dual Voltage Power Solutions

Selectable voltage by output for myriad access control devices.

Dual Voltage Power

EFLOW104NK1
- 12VDC or 24VDC at 6A
- Single output

EFLOW104NK8
- 12VDC or 24VDC at 6A distributed via 8-fuse protected outputs.

EFLOW104NK8CB - PTC outputs

EFLOW104NKA8
- 12VDC or 24VDC at 6A distributed via 8-fuse protected access control relayed outputs.

EFLOW104NKA8CB - PTC outputs





Features:

- Provides selectable 5VDC or 12VDC and 24VDC per output. for access control and security devices.
- Bi-colored output LED's provide. visual verification of voltage.
- Stackable sub-assemblies save valuable space .
- Supervised fire alarm disconnect for main power output or selectable by output.
- AC fail, low battery and battery presence monitoring.
- Low power cutoff extends the life of back-up batteries.
- Over voltage protection.
- Faster charging circuit for more up-time.
- Enclosure (15.5"H x 12.5" W x 4.5"D) accommodates up to two (2) 12VDC/7AH batteries.
- UL Listed in the U.S., CE Approved.

Dual Voltage Power Solutions with **LINQ™**

Selectable voltage by output with remote monitoring, control and reporting.

Dual Voltage Networked Power

EFLOW104NK8QP
- 12VDC or 24VDC at 6A distributed via 8-network controlled fuse protected outputs.

EFLOW104NK8QPCB - PTC outputs

EFLOW104NKA8QM
- 12VDC or 24VDC at 6A distributed via 8-network controlled fuse protected access control relayed outputs.

EFLOW104NKA8QPCB - PTC outputs



Features:

- LINQ™ Technology allow users to control, monitor and report power/diagnostics from individual outputs.
- Provides selectable 5VDC or 12VDC and 24VDC per output for access control and security devices.
- Stackable sub-assemblies save valuable space.
- Supervised fire alarm disconnect for main power output or selectable by output.
- AC fail, low battery and battery presence monitoring.
- Low power cutoff extends the life of back-up batteries.
- Over voltage protection.
- Faster charging circuit for more up-time.
- Enclosure (15.5"H x 12.5" W x 4.5"D) accommodates up to two (2) 12VDC/7AH batteries.
- UL Listed in the U.S., CE Approved.

Proven power and control in a more compact enclosure.

Multi-Output Access Power Controllers

MAXFIT3F8AP
- 12VDC or 24VDC at 6A distributed via 8-fuse protected outputs.
- 8-independently controlled fuse protected relayed outputs

MAXFIT3F8APCB - PTC outputs

MAXFIT5F8AP
- 12VDC at 10A distributed via 8-fuse protected outputs.
- 8-independently controlled fuse protected relayed outputs

MAXFIT5F8APCB - PTC outputs

MAXFIT7F8AP
- 12VDC or 24VDC at 9.7A distributed via 8-fuse protected selectable outputs.
- 8-independently controlled selectable fuse protected relayed outputs.

MAXFIT7F16APS
- 12VDC or 24VDC at 9.4A distributed via 16-fuse protected selectable outputs.
- 16-independently controlled selectable fuse protected relayed outputs.



Features:
- Single power supply/charger kits equipped with Altronix sub-assemblies to support multiple access control and security devices.
- Additional Class 2 power-limited Aux output(s) rated @ 1A.
- Supervised fire alarm disconnect.
- AC fail, low battery and battery presence monitoring.
- Low power cutoff extends the life of back-up batteries.
- Over voltage protection.
- Faster charging circuit for more up-time.
- Network ready: Add LINQ2 network communication module to control, monitor and report power/diagnostics.
- Enclosure (20.5”H x 16.5”W x 6.25”D) accommodates up to four (4) 12VDC/12AH batteries.

MAXIMAL FIT®

Expandable Power Systems

Providing system designers with optimum power choices and more versatility.

Single and Dual Voltage Power Options

MAXFIT3FE
- 12VDC or 24VDC at 6A.

MAXFIT33FE
- 12/24VDC at 6A and 12/24VDC at 6A.

Versions available with:
- 12VDC and/or 24VDC outputs, providing up to 20A.
- Accommodates up to 2-Altronix power supplies and 2-sub-assembly modules.
- AC and DC combined power options.



Customize your power system with Altronix sub-assemblies:

ACM4/ACM8/ACMS8
Access Power Controllers

PD4/PD8/PDS8/PD16W
Power Distribution

LINQ8PD/LINQ8ACM
Network Communication

VR6
Stackable Voltage Regulator

MOM5
Power Distribution with FAI

Features:

- Includes power supply/charger(s) with room to expand, accommodating multiple Altronix sub-assemblies to meet your requirements.
- Additional Class 2 power-limited Aux output(s) rated @ 1A.
- Supervised fire alarm disconnect.
- AC fail, low battery and battery presence monitoring.
- Low power cutoff extends the life of back-up batteries.
- Over voltage protection.
- Faster charging circuit for more up-time.
- Network ready: Add LINQ2 network communication module to control, monitor and report power/diagnostics.
- Enclosure (20.5”H x 16.5”W x 6.25”D) accommodates up to four (4) 12VDC/12AH batteries.

Rack Mount NAC Power Extenders

Vertical fire power, when wall space is not an option....

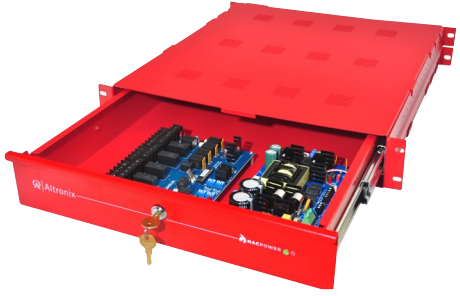
Rack Mount NAC Power Extenders

R1002ULADA

- Programmable Supervised Indicating Circuit Outputs:
  Four (4) Class B, or Two (2) Class A, or One (1) Class A and Two (2) Class B
- Provides 24VDC at 10A (2.5A per output)

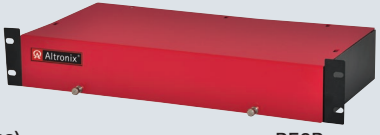
R1042ULADA

- Programmable Supervised Indicating Circuit Outputs:
  Four (4) Class B, or Four (4) Class A, or Two (2) Class A and Two (2) Class B
- Provides 24VDC at 10A (2.5A per output)



Features:

- Compatible with 12VDC or 24VDC fire panels.
- Sync protocols include Potter/Amseco, Gentex®, System Sensor®, and CooperWheelock®.
- Two (2) Aux outputs rated at 1A each.
- Two (2) Class A or two (2) Class B inputs.
- Two (2) NC dry contact trigger inputs.
- Built-in battery charging (**RE2R - rack mount battery enclosure, houses four 12VDC/7AH batteries**).
- Temporal Code 3, Steady Mode, Input to Output Follower Mode.
- Ground fault detection.
- Unique 2U rack mount drawer enclosure.



RE2R

Rev. 1021

ACCESS POWER
& INTEGRATION

REMOTE POWER
MANAGEMENT

PoE & DATA TRANSMISSION
FIBER | COPPER | UTP | COAX

FIRE POWER
& SIGNALING SOLUTIONS



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