TACTICAL

POWER PRODUCTS 2017

WHAT'S INSIDE Product Specs, Part Numbers, Images & Technical Information

POWER YOU CAN TRUST

PROFESSIONAL SERIES SECURITY POWER SOLUTIONS

ACCESS CONTROL

POWER WITH BAT-
TERY BACK UP

CCTV

DC DISTRIBUTION

CONVERTORS

AC-DC & DC-DC
CONVERTORS

TURNKEY SOLUTIONS

CUSTOM ENCLOSURES

www.tacpower.com.au info@tacpower.com.au 1300 822 769

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PRODUCT CATALOGUE 2017

TIM-01

99 DAY UNIVERSAL TIMER

Tactical's TIM-01 is undergoing an upgrade to SMD Technology and will be available mid August. The power input has been updraded to accept 12VDC or 24VDC. All other func-

ACCESS CABINETS Q4-2017

Tactical is pleased to announce standard off-the-shelf Access Control cabinets fitted with removable heavy duty back planes, pre punched with standoffs and root nuts. Models will be available to suit Inner Range, Tecom, HID Vertex, . trademarks belong to their respective owners.

These models will provide onsite labour saving by reducing installation time. Continuity and uniformity of layout, easy cable management. Fused power distribution modules with integrated fire trip.

- 2mm Powder Coated Steel Construction
- 3mm Galvanised steel back plane Pre Pucnhed
- Tactical SMPS 12V 13.5V or 24VDC
- Power Distribution with fire trip
- Easy cable management

AVAILABLE Q4

ABOUT TACTICAL

Tactical evolved in the early '90s with a single-minded focus on developing the gold standard in power supplies for the security industry.

Tactical Power Products bring to the market Australian designed and manufactured ultra-quiet, high efficeincy switch-mode power supplies suitable for domestic, commercial, industrial and hospital applications. All switchmdoe products have been designed to meet and surpass AS/NZS 60950:1;2011 and CISRP 22 Class B EMC.

When performance and rugged reliability are paramount, specify Tactical Power Products - your power, cellular and UPS specialist.

3-YEAR WARRANTY

Tactical products are all covered by a three-year replacement warranty. Simply return the product to the place of purchase with proof of purchase and a replacement item will be made available. Intenionall damaged or modified product is not covered by warrantry.

CUSTOM ENCLOSURES

Tactical offers a fully turn key custom enclouse design and assembly. Full back plane layout, rootnuts and threaded standoffs and slotted duct. Single or double door style cabinets, constucted in Australia from 1.1, 1.5, 2.5 and 3mm powder coated steel.

- Tactical Power 12, 13.5 or 24vDC
- Power Distribution with fire trip
- DIN rail
- Heavy Duty Back Plane 3mm
- Slotted Duct

So, what *is* Tactical 's secret ?

1 : Superior Design

Tactical's team of qualified engineers and experienced industry professionals ensure that from concept to delivered product, you receive a well thought out, quality power solution that is not only fit for the purpose, but more often than not exceeds expectations.

2 : Local Manufacture

In the current market, where everything from groceries to flat screen TVs are driven by the lowest possible price point, the old adage "You get what you pay for" has never been more relevant.

At Tactical we pride ourselves on being 100% Australian owned and operated. Our products are manufactured in Seven Hills NSW in an ISO-9001 acrediated, state of art facilty

Every circuit board and assmebly to the finished product are exhaustively tested before being available for sale.

When you specify a Tactical product, you can be assured that every effort has been made to ensure that you receive the best possible product at the lowest practical cost.

3 : Local Support

In the security industry, when you need technical or product support, you need the correct advice in an easy to understand format, from experienced personnel.

Power

The single most forgotten piece in a Security or CCTV System is Tactical's products are specifically designed for CCTV applications

After all it's only a power supply! How many times have you heard that? This is where the problem starts!

Apart from the obvious, the power supply is the heart of the system. There is a troubling fact where a high percentage of system performance and reliability issues can be traced directly to inappropriately specified or incorrectly installed power supplies and/or their associated cabling. While many integrators will spend time researching and specifying appropriate cameras, recorders, illuminators, multiplexers, etc, often the last thing considered is the power requirements for the job. There is an ever-increasing need to be diligent with system design taking into account the fiasco that has occurred with the Nation's power grid in the not-too-distant past. Will the network be capable of supporting the future demand? With the ever-changing pace of CCTV development and transmission methods POE, Fibre, Wireless, High Sped Coax, system designers have their hands full getting the mix right.

What happens in a power failure? Was this scenario ever discussed with the client? Is there a UPS installed at the headend? Was the type considered? Online double conversion the best bet and the only type if a standby generator is being used? How are the cameras being powered? POE, AC or DC? And how long are he cable runs? What happens when the 240V mains power fails? POE if the switch is connected to a UPS then the cameras will run for x period until the UPS expires. If not, 'loss of vision"! 24V AC, normally, 'loss of vision". Is 12VDC the power supply? A cheap laptop-type, or another 12VDC power supply without battery charge and standby? If so,

Superior design and high quality local manufacturing are the keys to reliability

For long run times choose TPS12-10DC-ME DXX (DXX = the number of fused distributed outputs) dependant on the number of cameras in the localised are and the appropriate size standby battery. This option will provide an extended run time without the need for large expensive UPS. 24VAC is often required due to long cable runs and voltage drop.

There is an option to provide standby power to this application.

Tactical TPC1 is a AC-DC and DC-DC convertor, which has an onboard battery charger. By connecting the TPC1 to the 24VAC located at the load end (camera Locations) and a 12V 7AH battery will provide 13.5VDC 1A and 500mA battery charge, which would offer average standby power for a single camera without IR would be X hours. See next page for details.

Loss of vision (no surge protection)

Tactical TPS12-XXDC power supply fitted with onboard 13.8VDC battery charger and equipped with appropriate standby battery cameras will continue to operate until low battery drop out.

Toroid Transformers

High Efficiency Toroid transformers are used exclusively throughout the Tactical CCTV range.

Toroid transformers produce less heat and electromagnetic interference than conventional transformer construction.

AC POWER

Wall mount & 2RU Rackmount

ABOUT

Tactical AC supplies feature high efficiency toroidal wound transformers, MOV anti-surge networks, individual short circuit protected outputs and heavy duty powder coated steel cabinets.

SPECS

Available in 2A, 3A, 4A, 6A, 10A & 20A configurations with a choice of 1 - 40 fused or polyswitch protected outputs (model dependant).

All models comply with Australian Electrical Safety & EMC Standards and are supplied with approved mains power leads.

Output Voltage	24Vac
Output Current	2 - 20A
Channels	1 - 40
Cabinet	Steel

DC POWER

Wall mount & 3RU Rackmount

ABOUT

Specifically configured for 12Vdc operation (rather than 13.5Vdc), these power supplies are ideal for CCTV installations, which include "voltage sensitive" cameras.

SPECS

Available in 2.5A, 5A, 10A & 20A configurations with a choice of 1 - 40 fused or polyswitch protected outputs (model dependant).

2.5A, 5A & 10A wall mount models feature integrated battery chargers.

All models are supplied with approved mains leads & comply with Australian Electrical Safety & EMC Standards.

Output Voltage	12Vdc
Output Current	1 - 20A
Channels	1 - 40

Ultra-quiet switchmode regulated power

High Output Battery Chargers

All Tactical 12Vdc CCTV Power Supplies are equipped with on-board high output battery chargers. Battery output is re-regulated to 12Vdc so that voltage sensitive cameras are not subjected to unsuitably high output.

High output / ultra low noise voltage convertors

High Efficiency

Tactical TPC Series voltage convertors feature high efficiency switchmode design with extremely low EMI output.

CONVERTORS

AC/DC DC/AC DC/DC

ABOUT

Tactical TPC Series voltage convertors feature high efficiency switchmode design coupled with extremely low EMI output. In fact, this range exceeds the stringent CISPR11:2004 - Class B standard for conducted & radiated output, making it suitable for not only industrial, but domestic, scientific & medical applications.

SPECS

Large variation of input & output voltages - see model chart on page 22. All models feature extremely low EMI

Input Voltage	Varies
Output Voltage	Varies
Output Current	Varies
Charger	Varies

Eco Range

Australian manufactured security power products specifically designed to conserve precious resources - both manufacturing and operational

THE very nature of modern electronic security systems dictates that they be powered continuously - energy consumption over the life of the system can be considerable.

Australian manufactured Eco Range security power products have been specifically designed to conserve precious resources - both manufacturing & operational.

Eco Range models are smaller, lighter and significantly more energy efficient than the models that they replace, with the added benefit of substantially less thermal output – meaning that system longevity and long-term installation cooling costs are greatly improved.

Eco Range models are available in 12Vdc, 13.5Vdc & 24Vac configurations and of course feature legendary Tactical reliability.

- High Energy Efficiency
- Extremely low EMI / EMC
- Australian Electrical Safety & EMC
- DoFT Approved

★★★★★

High Efficiency / Low Noise (EMI)

Other models in the range

Don't make your mind up yet . . .

DC-BX

Eco Range DC models are available as standalone power supplies or factory fitted to heavy duty powder-coated steel enclosures - with or without PDM(s).

AC-"D" Series

Eco Range 24Vac-4A & 24Vac-6A models are available with 2, 4 or 8 polyswitch equipped short circuit protected outputs - all models include MOV surge suppression.

Eco Range 12Vdc

Ultra Quiet, High Efficiency 12Vdc Eco Range power supplies feature high output battery chargers & are available as standalone power supplies or factory fitted to powder coated steel enclosures, with or without fused PDM modules.

12Vdc 2.5A & 12Vdc 5A

Eco Range 13.5Vdc

High Efficiency 13.5Vdc Eco Range power supplies also feature high output battery chargers & are available as standalone power supplies or factory fitted to powder coated steel enclosures, with or without fused PDM modules.

13.5Vdc 2.5A & 13.5Vdc 5A

Eco Range 24Vac

24Vac Eco Range power supplies are configured with high efficiency toroid transformers, MOV surge suppression and DoFT approved mains power leads. All models are factory fitted to powder coated steel enclosures, with polyswitch PDM modules.

24Vac 4A & 24Vac 6A

Eco Range Cabinets

Fabricated in Australia from Australian sourced raw materials, these sturdy enclosures feature heavy gauge steel construction with welded webbing finished in tough grey powder coat for maximum expected life span.

Manufactured in Australia

A simple answer to common question

Q: The data sheet for the cameras I'm using say "12Vdc or 24Vac" - what sort of power supply should I use ?

A: The simple answer is the most suitable one for the circumstances ! A few things to consider:

* DEVICE POWER CONSUMPTION: Current draw when powered by 12Vdc will be approximately double the current required from a 24Vac supply. Not usually an issue for small fixed body cameras, but significant for PTZ's and IR Illuminator equipped cameras.

* CABLE DISTANCE & TYPE: Long cable runs and light gauge cable can result in significant voltage drop. The use of 24Vac is generally a better choice - within certain limits. Remember, Ohm's Law can be used to determine predicted voltage drop.

* For a given current output, 24Vac supplies are generally less costly than their 12Vdc equivalent.

Cable choice . .

Don't let disaster strike before you start!

It is much easier to get it right from the start than try to fix a mess down the track.
Specifying the correct cable for the job will ensure your system has a concrete foundation.
Manufacturers data sheets provide the series resistance of the cable, always check before you order the cable! Checks can be made with an online calculator or by simply following Ohms Law as shown on the opposite page to check expected voltage drop over the cable run.

Tactical has helped many customer in this position where excessive voltage drop is an issue. Dependant on the factors, the use of a appropriately sized 24VAC power supply connected to a TPS-BB13 Buck - Boost Convertor could solve your disaster.

Call Tech Support on 1300822769 for further details

it's the law

Ohm's Law !

There is a fixed relationship between voltage (Volts / V), current (Amps / I) and resistance (Ohms / R). In the security industry, it is this relationship that influences the correct operation of electronic security equipment connected to long (and sometimes not so long) cable runs.

It is possible to use Ohm's Law (or an online calculator based on it) to determine the correct cable type for satisfactory operation. Careful selection of the correct cable type / gauge, rather than simply installing whatever cable happens to be on hand at the time, can mean the difference between a reliable high performance system and one which fails to meet customer / installer expectations.

The longer the cable run between the power supply and the powered device and the more current that the device draws, the greater the problem becomes (voltage drop) - this can be complicated further by devices which do not exhibit constant current draw (such as PTZ cameras, heaters / blowers & infrared illuminators) and installations that have been pre-cabled for power using CAT5 / CAT6 data cable rather than multi-strand figure 8 security cable.

There is a fixed relationship between voltage (Volts / V), current (Amps / I) and resistance (Ohms / R). In the security industry, it is this relationship that influences the correct operation of electronic security equipment connected to long (and sometimes not so long) cable runs.

V = I R (Volts = Amps x Ohms)

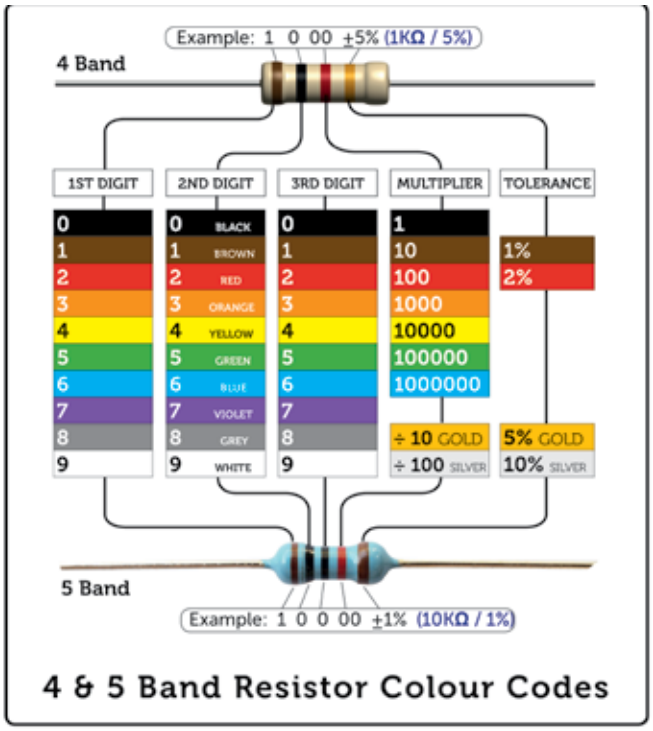
I = V / R (Amps = Volts / Ohms) / R = V / I (Ohms = Volts / Amps)

An example: You have a 12Vdc security device with a manufacturer's rated current consumption of 250mA Given a cable run of 100m, using 24 x 0.02 figure 8 security cable (manufacturer's stated resistance approx.5 ohms) and a 13.5Vdc 2.5A Tactical power supply, the predicted approximate voltage drop can be calculated as follows:

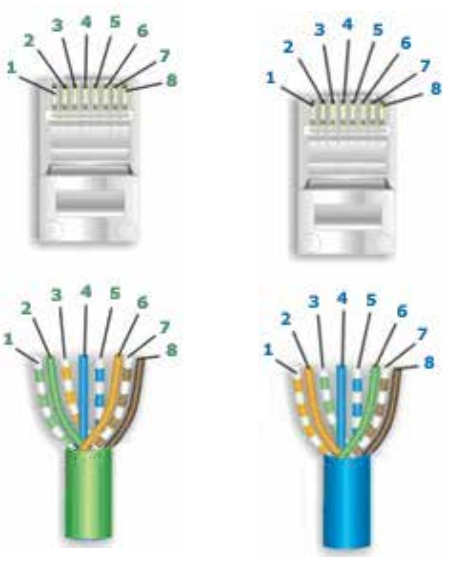
V = A x Ω ~ 1.25 (Voltage drop) = .25A (device current consumption) x 5Ω (resistance of the cable)

With a 13.5Vdc supply we would expect the operational voltage measured at the device to be approx 12.25Vdc (13.5V - 1.25V)

Actual voltage may be lower due to termination resistance, temperature and cable quality - always allow an adequate margin.



4 & 5 Band Resistor Colour Codes



Cat5/6 RJ45 Termination

A 12VDC 2.5A POWER SUPPLIES

Eco Range® Single and Multiple Output Models

TPS12-2.5DC	12VDC, 2.5A SMPS WITH 13.8V / 700MA CHARGER - INC. AC FAIL & LOW BATT OUTPUTS
TPS12-2.5DCB	SINGLE OUTPUT TPS12-2.5DC FITTED TO SMALL CABINET [250W X 310H X 100D MM]
TPS12-2.5DC-BD10	TPS12-2.5DC FITTED TO SMALL CABINET [250W X 310H X 100D MM] 10 X 250MA OUTPUTS
TPS12-2.5DC-BX	SINGLE OUTPUT TPS12-2.5DC FITTED TO MEDIUM CABINET [340W X 436H X 146D MM]
TPS12-2.5DC-BXD10	TPS12-2.5DC FITTED TO MEDIUM CABINET [340W X 436H X 146D MM] 10 X 250MA OUTPUTS

EngineeredforCCTV

TPS12-5DC	12VDC, 5A SMPS WITH 13.8V / 1.4A BATTERY CHARGER - INC. AC FAIL & LOW BATTERY RELAY OUTPUTS
TPS12-5DCB	SINGLE OUTPUT TPS12-5DC FITTED TO SMALL CABINET [250W X 310H X 100D MM]
TPS12-5DC-BD10	TPS12-5DC FITTED TO SMALL CABINET [250W X 310H X 100D MM] 10 X 250MA OUTPUTS
TPS12-5DC-BX	SINGLE OUTPUT TPS12-5DC FITTED TO MEDIUM CABINET [340W X 436H X 146D MM]
TPS12-5DC-BXD10	TPS12-5DC FITTED TO MEDIUM CABINET [340W X 436H X 146D MM] 10 X 500MA OUTPUTS
TPS12-5DC-BXD20	TPS12-5DC FITTED TO MEDIUM CABINET [340W X 436H X 146D MM] 20 X 250MA OUTPUTS
TPS12-5DC-ME	SINGLE OUTPUT TPS12-5DC FITTED TO LARGE CABINET [480W X 465H X 180D MM]
TPS12-5DC-MED10	TPS12-5DC FITTED TO LARGE CABINET [480W X 465H X 180D MM] 10 X 500MA OUTPUTS
TPS12-5DC-MED20	TPS12-5DC FITTED TO LARGE CABINET [480W X 465H X 180D MM] 20 X 250MA OUTPUTS

C 12VDC 10A POWER SUPPLIES
High Efficiency Single Output Models

TPS12-10DC	12VDC, 10A SMPS WITH 13.8V / 1.4A BATTERY CHARGER - INC. AC FAIL & LOW BAT. OUTPUTS
TPS12-10DCB	SINGLE OUTPUT TPS12-10DC FITTED TO MEDIUM CABINET [340W X 436H X 146DMM]
TPS12-10DC-ME	SINGLE OUTPUT TPS12-10DC FITTED TO LARGE CABINET [480W X 465H X 180D MM]

D 12VDC 10A POWER SUPPLIES
High Efficiency Multiple Output Models

TPS12-10DC-BD10	TPS12-10DC FITTED TO MEDIUM CABINET [340W X 436H X 146D MM] 10 X 1A OUTPUTS
TPS12-10DC-BD20	TPS12-10DC FITTED TO MEDIUM CABINET [340W X 436H X 146D MM] 20 X 0.5A OUTPUTS
TPS12-10DC-MED10	TPS12-10DC FITTED TO LARGE CABINET [480W X 465H X 180D MM] 10 X 1A OUTPUTS
TPS12-10DC-MED20	TPS12-10DC FITTED TO LARGE CABINET [480W X 465H X 180D MM] 20 X 0.5A OUTPUTS
TPS12-10DC-MED40	TPS12-10DC FITTED TO LARGE CABINET [480W X 465H X 180D MM] 40 X 0.25A OUTPUTS

E 12VDC 10A & 20A RACKMOUNT POWER SUPPLIES
High Efficiency 3RU Rackmount Multiple Output Models

RPS12-10DC-D10	12VDC 10A, 3RU RACKMOUNT SUPPLY WITH 10 X 1A SHORT PROTECTED OUTPUTS
RPS12-10DC-D20	12VDC 10A, 3RU RACKMOUNT SUPPLY WITH 20 X 0.5A SHORT PROTECTED OUTPUTS
RPS12-10DC-D40	12VDC 10A, 3RU RACKMOUNT SUPPLY WITH 40 X 0.25A SHORT PROTECTED OUTPUTS
RPS12-20DC-D20	12VDC 20A, 3RU RACKMOUNT SUPPLY WITH 20 X 1A SHORT PROTECTED OUTPUTS
RPS12-20DC-D40	12VDC 20A, 3RU RACKMOUNT SUPPLY WITH 40 X 0.5A SHORT PROTECTED OUTPUTS

AVAILABLE Q4

TPS13-2.5DC

A 13.5VDC 2.5A POWER SUPPLIES

Eco Range® Single and Multiple Output Models

TPS13-2.5DC	13.5VDC, 2.5A SMPS WITH 13.8V / 700MA CHARGER - INC. AC FAIL & LOW BATT OUTPUTS
TPS13-2.5DCB	SINGLE OUTPUT TPS13-2.5DC FITTED TO SMALL CABINET [250W X 310H X 100D MM]
TPS13-2.5DC-BD10	TPS13-2.5DC FITTED TO SMALL CABINET [250W X 310H X 100D MM] 10 X 250MA OUTPUTS
TPS13-2.5DC-BX	SINGLE OUTPUT TPS13-2.5DC FITTED TO MEDIUM CABINET [340W X 436H X 146D MM]
TPS13-2.5DC-BXD10	TPS13-2.5DC FITTED TO MEDIUM CABINET [340W X 436H X 146D MM] 10 X 250MA OUTPUTS

TPS13-5DC-BXD20

Ultra-Quiet Switchmode

B 13.5VDC 5A POWER SUPPLIES

Eco Range® Single and Multiple Output Models

TPS13-5DC	13.5VDC, 5A SMPS WITH 13.8V / 1.4A BATTERY CHARGER - INC. AC FAIL & LOW BATTERY RELAY OUTPUTS
TPS13-5DCB	SINGLE OUTPUT TPS13-5DC FITTED TO SMALL CABINET [250W X 310H X 100D MM]
TPS13-5DC-BD10	TPS13-5DC FITTED TO SMALL CABINET [250W X 310H X 100D MM] 10 X 250MA OUTPUTS
TPS13-5DC-BX	SINGLE OUTPUT TPS13-5DC FITTED TO MEDIUM CABINET [340W X 436H X 146D MM]
TPS13-5DC-BXD10	TPS13-5DC FITTED TO MEDIUM CABINET [340W X 436H X 146D MM] 10 X 500MA OUTPUTS
TPS13-5DC-BXD20	TPS13-5DC FITTED TO MEDIUM CABINET [340W X 436H X 146D MM] 20 X 250MA OUTPUTS
TPS13-5DC-ME	SINGLE OUTPUT TPS13-5DC FITTED TO LARGE CABINET [480W X 465H X 180D MM]
TPS13-5DC-MED10	TPS13-5DC FITTED TO LARGE CABINET [480W X 465H X 180D MM] 10 X 500MA OUTPUTS
TPS13-5DC-MED20	TPS13-5DC FITTED TO LARGE CABINET [480W X 465H X 180D MM] 20 X 250MA OUTPUTS

C 13.5VDC 10A POWER SUPPLIES

High Efficiency Single Output Models

TPS13-10DC	13.5VDC, 10A SMPS WITH 13.8V / 1.4A BATTERY CHARGER - INC. AC FAIL & LOW BAT. OUTPUTS
TPS13-10DCB	SINGLE OUTPUT TPS13-10DC FITTED TO MEDIUM CABINET [340W X 436H X 146DMM]
TPS13-10DC-ME	SINGLE OUTPUT TPS13-10DC FITTED TO LARGE CABINET [480W X 465H X 180D MM]

D 13.5VDC 10A POWER SUPPLIES

High Efficiency Multiple Output Models

TPS13-10DC-BD10	TPS13-10DC FITTED TO MEDIUM CABINET [340W X 436H X 146D MM] 10 X 1A OUTPUTS
TPS13-10DC-BD20	TPS13-10DC FITTED TO MEDIUM CABINET [340W X 436H X 146D MM] 20 X 0.5A OUTPUTS
TPS13-10DC-MED10	TPS13-10DC FITTED TO LARGE CABINET [480W X 465H X 180D MM] 10 X 1A OUTPUTS
TPS13-10DC-MED20	TPS13-10DC FITTED TO LARGE CABINET [480W X 465H X 180D MM] 20 X 0.5A OUTPUTS
TPS13-10DC-MED40	TPS13-10DC FITTED TO LARGE CABINET [480W X 465H X 180D MM] 40 X 0.25A OUTPUTS

E 13.5VDC 10A & 20A RACKMOUNT POWER SUPPLIES

High Efficiency 3RU Rackmount Multiple Output Models

RPS13-10DC-D10	13.5VDC 10A, 3RU RACKMOUNT SUPPLY WITH 10 X 1A SHORT PROTECTED OUTPUTS
RPS13-10DC-D20	13.5VDC 10A, 3RU RACKMOUNT SUPPLY WITH 20 X 0.5A SHORT PROTECTED OUTPUTS
RPS13-10DC-D40	13.5VDC 10A, 3RU RACKMOUNT SUPPLY WITH 40 X 0.25A SHORT PROTECTED OUTPUTS
RPS13-20DC-D20	13.5VDC 20A, 3RU RACKMOUNT SUPPLY WITH 20 X 1A SHORT PROTECTED OUTPUTS
RPS13-20DC-D40	13.5VDC 20A, 3RU RACKMOUNT SUPPLY WITH 40 X 0.5A SHORT PROTECTED OUTPUTS

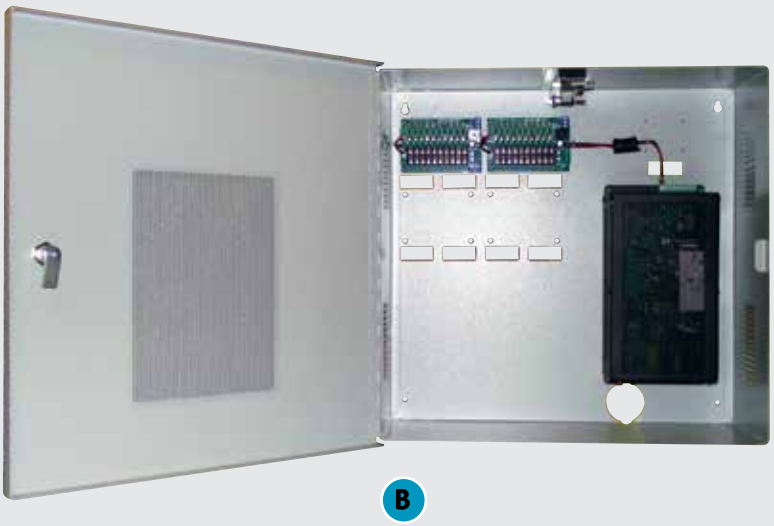
AVAILABLE Q4

24VDC & 25VDC POWER SUPPLIES

TPS25-2DC, TPS24-3DC & TPS24-6DC are state-of-the-art, ultra-quiet switchmode power supplies. Featuring high performance and extremely low noise operation (EMC), each model is equipped with an onboard battery charger, AC Fail & Low Battery relay outputs.

All models feature short circuit & overload protection, small physical footprint and low thermal output and are ideally

Each model is available as a "standalone" single output supply or factory fitted to a heavy duty steel enclosure (large enough to house standby batteries). TPS24-3DC & TPS24-6DC Series models may also be ordered with individually fused Tactical Power Distribution Modules.



B

TPS24-3DC

A

TPS24-3DC-B

A 24VDC 3A & 6A POWER SUPPLIES
Single Output

TPS24-3DC	24VDC, 3A SMPS WITH CHARGER - NO CABINET [273X145X80MM]
TPS24-3DC-B	TPS24-3DC IN STEEL CABINET [340X436X145MM] 1 X 3A OUTPUT
TPS24-3DC-ME	TPS24-3DC IN STEEL CABINET [482X470X185MM] 1 X 3A OUTPUT
TPS24-6DC	24VDC, 6A SMPS WITH CHARGER - NO CABINET [273X145X80MM]
TPS24-6DC-B	TPS24-6DC IN STEEL CABINET [340X436X145MM] 1 X 3A OUTPUT
TPS24-6DC-ME	TPS24-6DC IN STEEL CABINET [482X470X185MM] 1 X 3A OUTPUT

B 24VDC 3A & 6A POWER SUPPLIES
Multiple Output

TPS24-3DC-MED10	TPS24-3DC IN STEEL CABINET [482X470X185MM] 10 X 0.3A OUTPUT
TPS24-3DC-MED20	TPS24-3DC IN STEEL CABINET [482X470X185MM] 20 X 0.15A OUTPUT
TPS24-6DC-MED10	TPS24-6DC IN STEEL CABINET [482X470X185MM] 10 X 0.6A OUTPUT
TPS24-6DC-MED20	TPS24-3DC IN STEEL CABINET [482X470X185MM] 20 X 0.3A OUTPUT

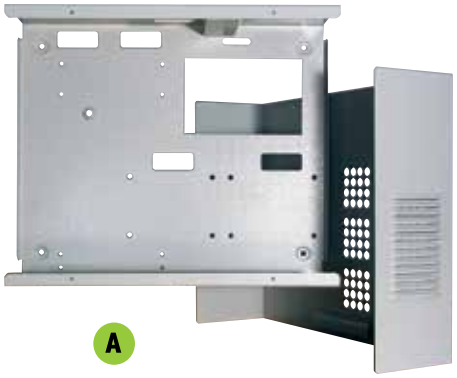
C 25VDC 2A POWER SUPPLIES
Single & Multiple Output

TPS25-2DC	25VDC, 2A SMPS WITH CHARGER - NO CABINET [226X123X60MM]
TPS25-2DC-B	TPS25-2DC IN STEEL CABINET [340X436X145MM] 1 X 2A OUTPUT

C

C

High Quality ENCLOSURES



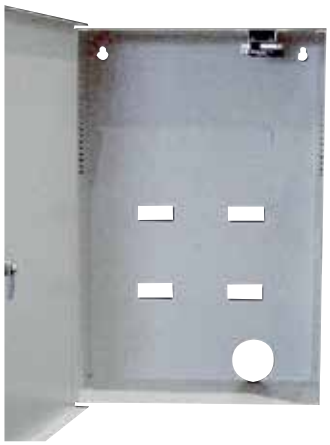
A

B

Australian made heavy duty powder coated steel construction or IP Rated ABS versions

D

C



E

HIGH QUALITY ELECTRONIC SECURITY ENCLOSURES

Manufactured in Australia on Tactical premises, these heavy duty powder coated steel enclosures feature solid construction and optional tamper switch kits and/or keyed camlocks.

A TTBOX-02 : STEEL ENCLOSURE
Powder coated 1.2mm steel - 340W x 290H x 105D mm

B TTBOX-15 : STEEL ENCLOSURE
Powder coated 1.2mm steel - 340W x 430H x 145D mm

C TTBOX-13 : STEEL ENCLOSURE
Powder coated 1.5mm steel - 482W x 470H x 185D mm

D TTBOX-ABS : ABS ENCLOSURE
IP65 Rated ABS (Not inc. PDM) - 186H x 146W x 75D mm

E TTBOX-03 : STEEL ENCLOSURE
Powder coated 1.5mm steel - 460H x 300W x 150D mm

E TTBOX-03 : STEEL ENCLOSURE
Powder coated 1.5mm steel - 460H x 300W x 150D mm

DC-DC / AC-DC / BUCK BOOST CONVERTORS

Tactical manufactures a range of DC-DC, AC-DC & Buck Boost Convertors to suit a variety of applications.
All models feature extremely quiet & reliable DC output, meeting or exceeding the extremely stringent CISPR22 Class B EMC specification.

A

D

Ultra-Quiet Switchmode

B

E

C

F

G

A TPC1 : DC-DC / AC-DC CONVERTOR
24Vac or 18Vdc-48Vdc converted to 12Vdc @ 1.5A Max

B TPC3 : DC-DC / AC-DC CONVERTOR
24Vac or 9Vdc-48Vdc converted to 5Vdc @ 1.5A Max

C TPC4 : DC-DC / AC-DC CONVERTOR
24Vac or 20Vdc - 48Vdc converted to 18Vdc @ 1A Max

D TPC24 : DC-DC / AC-DC CONVERTOR
24Vac or 32Vdc-48Vdc converted to 24Vdc @ 1A Max

E TPC48 : DC-DC CONVERTOR
10Vdc-16Vdc converted to 48Vdc @ 1.25A Max

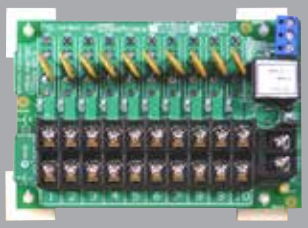
F TPS-BB-13 : BUCK BOOST CONVERTOR
10Vdc-36Vdc converted to 12Vdc @ 1A Max

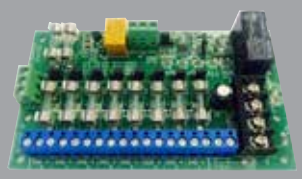
G TPS-BB-24 : BUCK BOOST CONVERTOR
10Vdc-36Vdc converted to 24Vdc @ 1A Max

POWER DISTRIBUTION MODULES & RELAYS

The use of Tactical Technologies PDM modules allows easy installation and effortless fault diagnosis for multi-camera CCTV or multi-lock access control systems. Tactical PDM modules feature heavy-duty screw terminal blocks, individual circuit status LEDs and an individual circuit replaceable glass fuse or solid-state polyswitch for each device to provide short circuit protection.


H


K


I


L


M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O


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P

H PDM1 : FUSED DISTRIBUTION MODULE
Up to 30V AC or DC. 10 x1A Fuses. No Fault Relay

I PDM8 : FUSE DISTRIBUTION MODULE-FIRE TRIP
Model dependant 12V or 24V DC. 8 x1A Fuses Fire Trip

J PDM5 : FUSED DISTRIBUTION MODULE
Up to 30V AC or DC. 10 x1A Fuses. With Fault Relay

K PDM6 : POLYSWITCH DISTRIBUTION MODULE
Up to 30V AC or DC. 10 x1A Polyswitches. With Fault Relay

L RLB1-DPDT : 12VDC DPDT BUFFERED RELAY
12Vdc Double Pole, Double Throw Buffered Relay (1A)

M RLB1-SPDT : 12VDC SPDT BUFFERED RELAY
12Vdc Single Pole, Double Throw Buffered Relay (6A)

N RLB1-S : 12VDC SPDT NON-BUFFERED RELAY
12Vdc Single Pole, Double Throw Non-Buffered Relay (6A)

RLB1-S-24VDC : 24VDC SPDT NON-BUFFERED RELAY
24Vdc Single Pole, Double Throw Non-Buffered Relay (6A)

O RLB8-DP : 8 X 12VDC DPDT BUFFERED RELAY
Strip of 8 x 12Vdc Double Pole, Double Throw Buffered Relay

P RLB8 : 8 X 12VDC SPDT BUFFERED RELAY
Strip of 8 x 12Vdc Single Pole, DT Buffered Relay

POWER YOU CAN TRUST

Australian Made Quality Power Supplies

HIGH EFFICIENCY SWITCH-MODE DESIGN

MANUFACTURED TO ISO-9001 STANDARDS

MISSION CRITICAL QUALITY

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