

24Vdc

Ultra-Quiet Switch-Mode Design



Engineered from inception to meet or exceed Australia's stringent Electrical Safety & EMC Standards, these 2A, 3A & 6A models provide class leading performance in the most demanding electronic security applications.

Available in a range of installation configurations, all models feature on-board battery chargers, high efficiency switch mode design and absolute minimum Electromagnetic Interference (EMI).

Visit www.tac-tech.com.au or ask your Authorised Tactical Distributor for details.



 N645



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TACTICAL®
PTV LTD
TECHNOLOGIES

Australia's Premier Security Power Specialist

TPS24-6DC, TPS24-3DC & TPS25-2DC are state-of-the-art, ultra-quiet switch mode power supplies from Tactical Technologies.

Featuring high performance switchmode design and extremely low noise operation (EMI), each model is equipped with an on-board battery charger and AC Fail & Low Battery relay outputs.

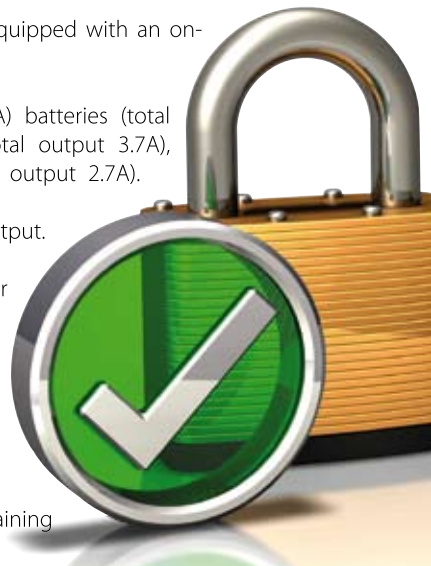
TPS24-6DC provides 24Vdc @ 6A with an additional 1.4A @ 27.6Vdc to charge Sealed Lead Acid (SLA) batteries (total current output 7.2A). TPS24-3DC provides 24Vdc @ 3A and 700mA @ 27.6Vdc for SLA charging (total output 3.7A), whilst TPS25-2DC is configured to provide 25Vdc @ 2A with a 700mA @ 27Vdc battery charger (total output 2.7A).

All models feature short circuit and overload protection, small physical footprint and low thermal output.

Each model is available as a "standalone", single output power supply or fitted into a heavy duty powder coated steel enclosure, while TPS24-3DC & TPS24-6DC in particular may be ordered with individually fused, multiple output Power Distribution Modules (PDM) in either a medium or large powder coated steel enclosure.

The use of PDMs not only simplifies termination (separate terminals for each load device), but facilitates fault finding and service with individual circuit status LEDs and easy to replace M205 glass fuses.

The advanced design of these switch mode models provides outstanding performance in the field, whilst maintaining significantly lower operating temperatures than most currently available linear regulated power supplies.



Ideal for High Power Electronic Locking and Intercom Applications

	TPS25-2DC	TPS25-2DC-B	TPS24-3DC	TPS24-3DC-B	TPS24-3DC-ME	TPS24-3DC-MED10	TPS24-3DC-MED20	TPS24-6DC	TPS24-6DC-B	TPS24-6DC-ME	TPS24-6DC-MED10	TPS24-6DC-MED20	
Output Voltage	25Vdc		24Vdc					24Vdc					
Output Current	2A		3A					6A					
Output Channels	1		1		10		20		1		10		20
Output per Channel	2A		3A		300mA		150mA		6A		600mA		300mA
Input Voltage	240Vac (+/- 10%) 50Hz												
Input Current	0.6A @ full load		0.8A @ full load					1.6A @ full load					
Input Inrush	<20A (25° C cold start up)												
Battery Charger	27Vdc / 0.7A		27.6Vdc / 0.7A					27.6Vdc / 1.4A					
Low Battery Output	SPDT Relay & Red LED		SPST Relay & Red LED										
AC Fail Output	SPDT Relay & Green LED		SPST Relay & Green LED										
Weight	1.2Kg	4.3Kg	< 2Kg	< 5Kg	< 12Kg	< 12Kg	< 12Kg	< 2Kg	< 5Kg	< 12Kg	< 12Kg	< 12Kg	
Dimensions	226L x 123W x 60H	340W x 436H x 145D	273L x 145W x 80H	340W x 436H x 145D	482W x 470H x 185D			273L x 145W x 80H	340W x 436H x 145D	482W x 470H x 185D			
Efficiency	83% @ rated load		80% @ rated load										
Overload Protection	Constant current limiting, short circuit shutdown, auto recovery												
Load Regulation	< 1% open to full load												
Line Regulation	< 0.2%												
Output Ripple	<25mV p-p @ full load		<50 mVp-p @ full load										
Working Temp	0 - 50° C												
Safety Standards	AS NZS 60950:2003												
EMC Standards	AS/NZS CISPR 11:2004 (Class B Conducted and Radiated)												

Note: Tactical Technologies reserves the right to change specifications without prior notice

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Available from your Tactical Distributor :

