

12V & 13Vdc

Ultra-Quiet Switch-Mode Design

10 Amp



Engineered from inception to meet or exceed Australia's stringent Electrical Safety & EMC Standards, these 12Vdc & 13Vdc, 10A models provide class leading performance in the most demanding electronic security applications.

N645

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.



Designed & Manufactured

www.tac-tech.com.au

Australia's Premier Security Power Specialist

TNT[®]
TACTICAL PTY LTD
TECHNOLOGIES

Tactical Technologies TPS12DC & TPS13DC Series are state-of-the-art, high performance 10 Amp switch mode power supplies.

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

TPS12-10DC models provide 12Vdc @ 10A with an additional 1.4A @ 13.8Vdc to charge Sealed Lead Acid (SLA) batteries (total current output 11.4A). In the event of an AC mains failure, the 13.8Vdc battery voltage is re-regulated to 12Vdc - ensuring that voltage sensitive loads (such as CCTV cameras) are not subject to unsuitably high operating voltage. TPS13-10DC models provide 13.5Vdc @ 10A and a 1.4A @ 13.8Vdc charger (total output 11.4A).

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

TPS12-10DC & TPS13-10DC models are available as "standalone", single output power supplies or fitted into a heavy duty powder coated steel enclosures and may be ordered with individually fused, multiple output Power Distribution Modules (PDM) in either medium or large powder coated steel enclosures.

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 (model dependant).

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 Security & Electronic Locking Applications

	TPS12-10DC	TPS12-10DC-B	TPS12-10DC-BD10	TPS12-10DC-BD20	TPS12-10DC-ME	TPS12-10DC-MED10	TPS12-10DC-MED20	TPS12-10DC-MED40	TPS13-10DC	TPS13-10DC-B	TPS13-10DC-BD10	TPS13-10DC-BD20	TPS13-10DC-ME	TPS13-10DC-MED10	TPS13-10DC-MED20	TPS13-10DC-MED40
Output Voltage	12Vdc								13.5Vdc							
Output Current	10A															
Output Channels	1	10	20	1	10	20	40	1	10	20	1	10	20	40		
Output per Channel	10A	1A	500mA	10A	1A	500mA	250mA	10A	1A	500mA	10A	1A	500mA	250mA		
Input Voltage	240Vac (+/- 10%) 50Hz															
Input Current	1.4A @ full load								1.4A @ full load							
Input Inrush	<20A (25 ⁰ C cold start up)															
Battery Charger	13.8Vdc / 1.4A															
Low Battery Output	SPST Relay & Red LED															
AC Fail Output	SPST Relay & Green LED															
Weight	1.2Kg	4.3Kg	< 2Kg	< 5Kg	< 12Kg	< 12Kg	< 12Kg	< 2Kg	< 5Kg	< 12Kg	< 12Kg	< 12Kg	< 12Kg	< 12Kg		
Dimensions	273L x145 x80H	340W x 436H x 145D			482W x 470H x 185D				273L x145 x80H	340W x 436H x 145D			482W x 470H x 185D			
Efficiency	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	<50 mVp-p @ full load															
Working Temp	0 - 50 ⁰ 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



www.tac-tech.com.au

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Available from your Tactical Distributor :

