

TPS-BB-24

The TPS-BB-24 Buck- Boost Convertor is designed **ITE and indoor use only**.

TPS-BB-24 is designed to provide a regulated 24Vdc output at 1A continuous operation from a wide input voltage range 10 to 36Vdc. The output can be adjusted to 27.6Vdc if required to correct voltage drop where there are longer cables run or when charging of two 12V SLA batteries in series if also required.



Removal of the fault / short circuit condition will return the power supply to normal operation (Auto-Reset).

Specifications :

(In the interests of product improvement, Tactical reserves the right to change specifications without notice)

Eco Range	TPS-BB-24
Output Voltage	24Vdc Nominal (22-28Vdc adjustable)
Output Current	1A Continuous
Output Channels	1
Output per Channel	1A reduce to 750ma if battery charging is used
Input Voltage	10Vdc to 36Vdc Max
Input Current	Dependant on load current
Weight	500g approx
Dimensions	114W x 91L x 40H mm
Overload Protection	Current Limiting with Auto Recovery, Thermal Shut down
Load Regulation	< 1% from open to full load
Battery Charger	27.6Vdc 150mA when output is adjusted to 27.6Vdc
Output Ripple	<20mV p-p @ full load (Typical)
Soft Start	Start up typical 1-2 seconds
Working Temperature	0 - 50 ^o C without de-rating
Revision	E
Warranty	3 Years
EMC Standards	AS/NZS CISPR 11:2004 (Class B Conducted and Radiated)



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