

# TPS-BB-13

The TPS-BB-13 Buck- Boost Convertor is designed **ITE and indoor use only**.

TPS-BB-13 is designed to provide a regulated 12Vdc output at 1A continuous operation from a wide input voltage range 10 to 36Vdc. The output can be adjusted to 13.8Vdc if required to correct voltage drop where there are longer cables run or when charging of a small 12V SLA battery is also required.



## Specifications :

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

Eco Range	TPS-BB-13
Output Voltage	12Vdc Nominal (11-15Vdc adjustable)
Output Current	1A Continuous
Output Channels	1
Output per Channel	1A
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	13.8Vdc 150mA when output is adjusted to 13.8Vdc
Output Ripple	<20mV p-p @ full load (Typical)
Soft Start	Start up typical 1-2 seconds
Working Temperature	0 - 50 <sup>0</sup> 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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