

# TACTICAL DC-DC BOOST CONVERTER

High-efficiency 500W DC-DC boost conversion designed for military, emergency, and commercial vehicle platforms. Rugged, sealed, and ready for mission-critical operation.



## Ruggedized Performance



Engineered to withstand shock, vibration, and harsh operating environments.

## Parallel Operation



Supports 1+1 configuration with active current sharing for scalable power.

## Intelligent Protection



Integrated safeguards for over-voltage, over-current, short circuit, and reverse polarity.

## FEATURES


- Wide 11–20Vdc input range
- Regulated 24Vdc output
- 500W output power
- Up to 96% efficiency
- Over-voltage and under-voltage protection
- Over-current and short circuit protection
- Reverse polarity protection (-30V)
- 100V input transient spike protection
- 1+1 parallel operation with current sharing ( $\pm 2.5\%$ )
- IP67 sealed, ruggedized construction

**Military tactical vehicles • Emergency response vehicles • Commercial and fleet vehicles • Mobile communication systems • Transit and shuttle systems**

### LET'S BUILD YOUR SYSTEM

Contact us for custom configurations and integration support.

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