

POWERBOOZT 24V Buck-Boost Converter

DC-DC Converter | POWERBOOZT | Trc-M12-24.25A



Adaptive motion-controlled input voltage handling sustains 24V at 25A from 10-17V for demanding mobile systems. This buck-boost converter integrates intelligent sensing to optimize power delivery across automotive, camper, and heavy-duty vehicle applications.

Features

- Delivers a stable 24V output at 25A from a flexible 10-17V input, ensuring reliable power for demanding 24V systems.
- Engineered for diverse mobile environments including automotive, camper, marine, and heavy-duty vehicles.
- Features integrated motion sensor technology for adaptive performance and optimized power delivery.
- Robust DC-DC conversion with protection features suitable for challenging mobile applications.

NOMINAL INPUT VOLTAGE	OUTPUT VOLTAGE	MAX OUTPUT CURRENT	OUTPUT POWER	WEIGHT
12 V	24 V	25 A	600 W	2,3 kg

Technical Specifications

Input		Output	
Nominal Input Voltage	12 V	Output Voltage	24 V
Input Voltage Min	10 V	Max Output Current	25 A
Input Voltage Max	17 V	Output Power	600 W
Physical Specifications			
Weight	2,3 kg		

Regulatory Compliance

CE Standards: EN 55032, EN 55035, E-Mark (automotive)
Regulatory: CE

Product Identification

Item Code: **Trc-M12-24.25A**
Manufacturer Code: **Trc-M12-24.25A**