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	
Nominal Input Voltage	**12 V**
Input Voltage Min	**10 V**
Input Voltage Max	**17 V**

Output	
Output Voltage	**24 V**
Max Output Current	**25 A**
Output Power	**600 W**

Physical Specifications	
Weight	**2,3 kg**

Regulatory Compliance

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

Product Identification

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

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