POWERBOOZT 24V Step-Down Converter

DC-DC Converter | POWERBOOZT | Trc-M12-12.50A



Mobile system servicing requires precise voltage regulation for sensitive electronics — 10-17V input is stabilized to 12V, 50A with motion-controlled efficiency. This converter integrates intelligent power management, reducing consumption when idle across automotive, camper, and marine applications.

Features

- Delivers a stable 12V output from a 10-17V input, ensuring precise voltage for sensitive 12V electronics in higher voltage systems.
- Engineered for diverse mobile environments including automotive, camper, marine, and heavy-duty vehicles.
- Integrated motion sensor provides intelligent power management, enhancing efficiency by reducing consumption when idle.
- Robust DC-DC conversion technology designed to withstand demanding operational conditions and protect connected equipment.

NOMINAL INPUT VOLTAGE	OUTPUT VOLTAGE	MAX OUTPUT CURRENT	OUTPUT POWER	WEIGHT
12 V	**12 V**	**50 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	**12 V**
Max Output Current	**50 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-M12-12.50A**
Manufacturer Code:	**Trc-M12-12.50A**

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