

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		Output	
Nominal Input Voltage	12 V	Output Voltage	12 V
Input Voltage Min	10 V	Max Output Current	50 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-M12-12.50A**
Manufacturer Code: **Trc-M12-12.50A**