POWERBOOZT 24V Step-Down Converter

DC-DC Converter | POWERBOOZT | Trc-IGN.24-24.50A



Heavy-duty vehicle operation demands 24V auxiliary power derived from variable DC inputs, sustained by ignition-controlled activation. This DC-DC converter delivers a stable 24V at 50A from a 20-35V source, ensuring auxiliary systems and charging circuits operate reliably when the engine is running.

Features

- Ensures stable 24V power from a variable 20-35V DC input, supporting up to 24.5A to reliably power auxiliary equipment and charging systems.
- Engineered for robust performance in automotive, camper, marine, and heavy-duty vehicle applications where consistent voltage is critical.
- Features ignition-controlled operation via a motorloop signal, automatically activating only when the vehicle is running to conserve battery power.
- Provides essential voltage step-down conversion, safeguarding sensitive 24V electronics from higher input voltages common in commercial vehicles.

NOMINAL INPUT VOLTAGE	OUTPUT VOLTAGE	MAX OUTPUT CURRENT	OUTPUT POWER	WEIGHT
24 V	**24 V**	**50 A**	**1.200 W**	**2,3 kg**

Technical Specifications

Input	
Nominal Input Voltage	**24 V**
Input Voltage Min	**20 V**
Input Voltage Max	**35 V**

Output	
Output Voltage	**24 V**
Max Output Current	**50 A**
Output Power	**1.200 W**

Physical Specifications	
Weight	**2,3 kg**

Regulatory Compliance

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

Product Identification

Item Code:	**Trc-IGN.24-24.50A**
EAN/Barcode:	**8720618147264**
Manufacturer Code:	**Trc-IGN.24-24.50A**

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