POWERBOOZT 12V Buck-Boost Converter

DC-DC Converter | POWERBOOZT | Trc-IGN.12-12.50A



Ignition-controlled activation prevents unnecessary battery drain, delivering a stable 12V output from a variable 10-17V DC input. Engineered for demanding mobile applications, it ensures consistent power for sensitive electronics in automotive, camper, marine, and heavy-duty vehicles.

Features

- Delivers a stable 12V output from a variable 10-17V DC input, protecting sensitive 12V electronics from voltage fluctuations and ensuring consistent performance.
- Engineered for demanding mobile applications including automotive, camper, marine, and heavy-duty vehicles, providing reliable power in challenging environments.
- Features ignition control for intelligent operation, activating only when the vehicle's ignition is on, thus conserving power and preventing unnecessary battery drain.
- Equipped with a motor loop signal for advanced integration and control within vehicle electrical systems, enhancing operational efficiency and diagnostics.

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-IGN.12-12.50A**
EAN/Barcode:	**8720618147080**
Manufacturer Code:	**Trc-IGN.12-12.50A**

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