

# 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
<b>12 V</b>	<b>12 V</b>	<b>50 A</b>	<b>600 W</b>	<b>2,3 kg</b>

## Technical Specifications

Input		Output	
Nominal Input Voltage	<b>12 V</b>	Output Voltage	<b>12 V</b>
Input Voltage Min	<b>10 V</b>	Max Output Current	<b>50 A</b>
Input Voltage Max	<b>17 V</b>	Output Power	<b>600 W</b>
Physical Specifications			
Weight	<b>2,3 kg</b>		

### Regulatory Compliance

**CE** 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**