

POWERBOOZT 24V Buck-Boost Converter

DC-DC Converter | POWERBOOZT | Trc-IGN.12-24.25A



Ignition control prevents discharge by activating only when the vehicle is running, protecting sensitive 24V equipment from 10-17V fluctuations. This robust DC-DC converter ensures a stable 24V output for automotive, camper, marine, and heavy-duty applications.

Features

- Ensures a stable 24V power supply for sensitive 24V equipment, protecting it from input voltage fluctuations common in 12V systems and enabling advanced vehicle electronics.
- Specifically engineered for rigorous use in Automotive, Camper, Marine, and Heavy Duty environments, guaranteeing reliable performance in mobile and challenging conditions.
- Features ignition control for intelligent power management, automatically activating only when the vehicle is running to conserve battery power and prevent discharge.
- Built with robust DC-DC conversion technology and comprehensive protection against over-voltage, over-current, and short circuits for enhanced system safety and longevity.

| NOMINAL INPUT VOLTAGE | OUTPUT VOLTAGE | MAX OUTPUT CURRENT | OUTPUT POWER | WEIGHT |
|-----------------------|----------------|--------------------|--------------|---------------|
| 12 V | 24 V | 25 A | 600 W | 2,3 kg |

Technical Specifications

| Input | | Output | |
|-------------------------|---------------|--------------------|--------------|
| Nominal Input Voltage | 12 V | Output Voltage | 24 V |
| Input Voltage Min | 10 V | Max Output Current | 25 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-IGN.12-24.25A**
EAN/Barcode: **8720618147097**
Manufacturer Code: **Trc-IGN.12-24.25A**