

# POWERBOOZT 18V Isolated Converter

DC-DC Converter | POWERBOOZT | PB-MDC1100-A12



Galvanic isolation prevents voltage spikes and ground loops, safeguarding sensitive electronics from damage. This converter delivers 100W of stable 12.5V power from a flexible 9-18V DC input, ensuring operational continuity for demanding automotive, heavy-duty, marine, and camper applications.

### Features

- Delivers 100W of stable 12.5V power from a flexible 9-18V DC input, ensuring reliable operation for your essential equipment.
- Engineered for demanding automotive, heavy-duty, marine, and camper applications where consistent and protected power is critical.
- Features galvanic isolation to prevent voltage spikes and ground loops, safeguarding sensitive electronics from damage.
- Offers robust protection against voltage fluctuations and electrical noise, ensuring the longevity and performance of connected devices.

| NOMINAL INPUT VOLTAGE | OUTPUT VOLTAGE | OUTPUT POWER | WEIGHT        |
|-----------------------|----------------|--------------|---------------|
| <b>9 V</b>            | <b>12,5 V</b>  | <b>100 W</b> | <b>0,5 kg</b> |

## Technical Specifications

| Input                   |               | Output         |               |
|-------------------------|---------------|----------------|---------------|
| Nominal Input Voltage   | <b>9 V</b>    | Output Voltage | <b>12,5 V</b> |
| Input Voltage Min       | <b>9 V</b>    | Output Power   | <b>100 W</b>  |
| Input Voltage Max       | <b>18 V</b>   |                |               |
| Physical Specifications |               |                |               |
| Weight                  | <b>0,5 kg</b> |                |               |

### Regulatory Compliance



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

### Product Identification

Item Code: **PB-MDC1100-A12**  
EAN/Barcode: **8720618147035**  
Manufacturer Code: **PB-MDC1100-A12**