

POWERBOOZT 35V Isolated Converter

DC-DC Converter | POWERBOOZT | PB-MDC1100-B12



In automotive and heavy-duty power systems with fluctuating voltage, galvanic isolation prevents ground loops and protects sensitive electronics from electrical noise. This converter delivers a stable 12.5V/100W output from a 20-35V DC input, ensuring consistent power for 12V devices.

Features

- Delivers a stable 12.5V output from a wide 20-35V DC input, ensuring consistent power for 12V devices in fluctuating voltage environments.
- Engineered for rugged use in Automotive, Heavy Duty, Marine, and Camper applications, providing reliable power conversion where it's needed most.
- Galvanic isolation prevents ground loops and protects sensitive electronics from electrical noise and voltage spikes, ensuring system integrity and longevity.
- Compact and lightweight at 0.5kg, it's designed for easy installation in space-constrained mobile and off-grid power systems.

NOMINAL INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT POWER	WEIGHT
20 V	12,5 V	100 W	0,5 kg

Technical Specifications

Input		Output	
Nominal Input Voltage	20 V	Output Voltage	12,5 V
Input Voltage Min	20 V	Output Power	100 W
Input Voltage Max	35 V		
Physical Specifications			
Weight	0,5 kg		

Regulatory Compliance

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

Product Identification

Item Code: **PB-MDC1100-B12**
EAN/Barcode: **8720618147042**
Manufacturer Code: **PB-MDC1100-B12**