

POWERBOOZT 60V Isolated Converter

DC-DC Converter | POWERBOOZT | PB-MDC1100-C12-IP67



Galvanic isolation prevents ground loops and protects sensitive electronics by separating input and output circuits. Its IP67 rating ensures operational continuity by providing complete protection against dust and water immersion.

Features

- Delivers a stable 12.5V output from a versatile 30-60VDC input, powering essential 12V devices in 60V systems without requiring complex rewiring.
- Engineered for extreme environments, its IP67 rating provides complete protection against dust ingress and immersion in water up to 1 meter, ensuring operational continuity.
- Features galvanic isolation, effectively separating input and output circuits to prevent ground loops and protect sensitive electronics from voltage fluctuations and surges.
- With a 100W power capacity, it reliably supplies demanding 12V loads such as lighting, navigation systems, and communication devices within automotive, heavy-duty, and marine applications.

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

Technical Specifications

Input		Output	
Nominal Input Voltage	30 V	Output Voltage	12,5 V
Input Voltage Min	30 V	Output Power	100 W
Input Voltage Max	60 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-C12-IP67**
Manufacturer Code: **PB-MDC1100-C12**