

# POWERBOOZT 24V to 13.8V Step-Down Converter

DC-DC Converter | POWERBOOZT | DCDC2103S

Maintaining stable 13.8V power for 12V devices from a 24V system prevents damage to sensitive electronics and optimizes charging performance. Engineered for demanding mobile environments, this converter ensures operational continuity in automotive, marine, and recreational vehicle applications.



### Features

- Ensures stable 13.8V power for 12V devices when operating from a 24V system, protecting sensitive electronics and optimizing charging.
- Engineered for demanding mobile environments, including caravans, campers, automotive, and marine applications.
- Efficient DC-DC conversion technology minimizes energy loss, contributing to overall system efficiency and reliability.
- Compact and lightweight at 0.1kg, facilitating easy installation in space-constrained vehicle and vessel applications.

NOMINAL INPUT VOLTAGE	OUTPUT VOLTAGE	MAX OUTPUT CURRENT	OUTPUT POWER	WEIGHT
<b>24 V</b>	<b>13,6 V</b>	<b>3 A</b>	<b>40 W</b>	<b>0,1 kg</b>

## Technical Specifications

Input		Output	
Nominal Input Voltage	<b>24 V</b>	Output Voltage	<b>13,6 V</b>
Input Voltage Min	<b>18 V</b>	Max Output Current	<b>3 A</b>
Input Voltage Max	<b>32 V</b>	Output Power	<b>40 W</b>
Physical Specifications			
Weight	<b>0,1 kg</b>		

### Regulatory Compliance

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

### Product Identification

Item Code: **DCDC2103S**  
 EAN/Barcode: **8719325860283**  
 Manufacturer Code: **DCDC2103S**  
 Model: **DCDC2103S**