



# CONVERTER 24V TO 12V DC 15A

MODEL NO: **DC2412**

Thank you for purchasing a Sealey product. Manufactured to a high standard, this product will, if used according to these instructions and properly maintained, give you years of trouble free performance.

**IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.**



Refer to  
Instructions

## 1. SAFETY

- ❑ **WARNING! DO NOT** use on any vehicles other than those with 24V DC systems.
- \* **DO NOT** connect to any AC power source.
- \* **DO NOT** exceed the rated load of 15A.
- \* **DO NOT** dismantle. The converter must be checked by qualified service personnel only .
- \* **DO NOT** obstruct the vents in the casing; allow cooling air to flow through the unit.
- \* **DO NOT** get converter wet or use in damp or wet locations or areas where there is condensation.
- \* **DO NOT** use for any purpose other than for which it is designed.
- \* **DO NOT** operate the converter if damaged.
- ✓ When not in use store inverter in a safe, dry, childproof location.

## 2. INTRODUCTION

Suitable for commercial vehicles with 24V DC battery supply. Converts down to 12V DC 15A vehicle accessory output. Features a low and high voltage alarm for added protection. Additionally includes a 5V USB outlet. Supplied with 550mm accessory connection lead.

## 3. SPECIFICATION

Model No:	<b>DC2412</b>
Dimensions (W x D x H):	120 x 85 x 50mm
Input Voltage:	24V
Nett Weight:	0.46kg
Output Voltage:	12V
Output:	15A
Supply Connection:	Accessory Connector Plug

## 4. OPERATION

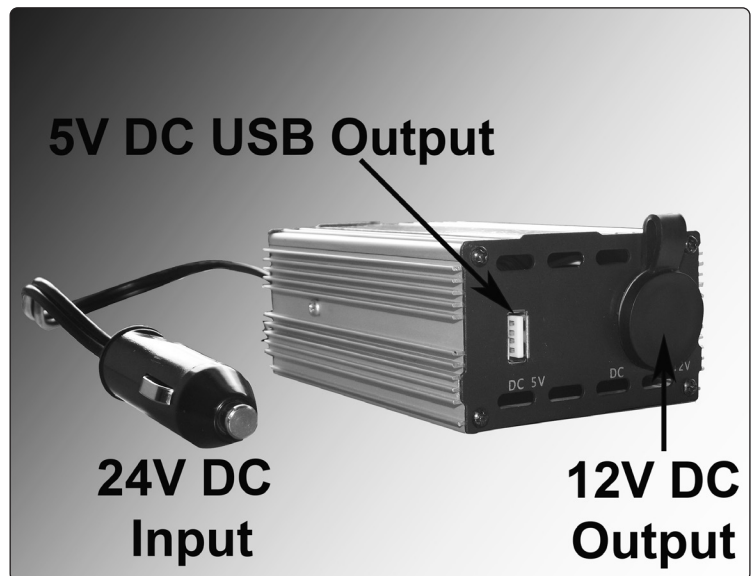
- 4.1. Insert the input plug into a 24V DC accessory socket. Ensure that the socket is live; it may be that the vehicle key needs to be turned to the 'accessory' position to energize the socket.
- 4.2. Plug the appliance to be powered into either the 12V or 5V USB socket on the fascia of the converter.
- 4.3. An alarm will sound within the converter if:  
A) The input voltage drops significantly or  
B) The output load is too high.
- 4.4. In case of A): Disconnect the converter and only use again when the 24V battery has been recharged thoroughly. In case of B): Reduce the electrical load to 15A or below.
- 4.5. Allow the unit to cool down after use before returning it to storage.

## 5. MAINTENANCE

### 5.1. CHANGING A FUSE IN THE 24V DC INPUT

First, turn off the vehicle and disconnect the converter from the socket, and if possible, disconnect the vehicle's battery negative terminal. Most converter plugs have a fuse built into the tip; unscrew the tip to access it. Check the fuse for its amperage rating, this is often around 10–15A for high-current converters, because using a higher-rated fuse than specified can damage the converter or the vehicle wiring.

Remove the blown fuse carefully, inspect it for a broken filament or burn marks, and replace it with a fuse of the same type and rating. After reinserting the fuse and reassembling the plug, reconnect the converter and test it. If the fuse blows immediately, verify the converter is not shorted and that the vehicle socket can safely supply the 24V current needed for the 15A load. Always keep spare fuses rated appropriately for the converter for safe, reliable operation.



## 6. END OF LIFE

- 6.1. When the converter reaches the end of its useful life or is no longer functional, do not dispose of it with regular household waste. Electrical components may contain metals and chemicals that can harm the environment. Take the unit to an authorized electronic waste recycling facility or follow local regulations for the disposal of electrical and electronic equipment. Remove any fuses or batteries separately if applicable, and recycle them according to local guidelines.



### ENVIRONMENT PROTECTION

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.



### WEEE REGULATIONS

Dispose of this product at the end of its working life in compliance with the EU Directive on Waste Electrical and Electronic Equipment (WEEE). When the product is no longer required, it must be disposed of in an environmentally protective way. Contact your local solid waste authority for recycling information.

**Note:** It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.

**Important:** No Liability is accepted for incorrect use of this product.

**Warranty:** Guarantee is 12 months from purchase date, proof of which is required for any claim.



REGISTER YOUR PURCHASE HERE

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