E796 45AMP VOLTAGE CONVERTER 24V – 12V

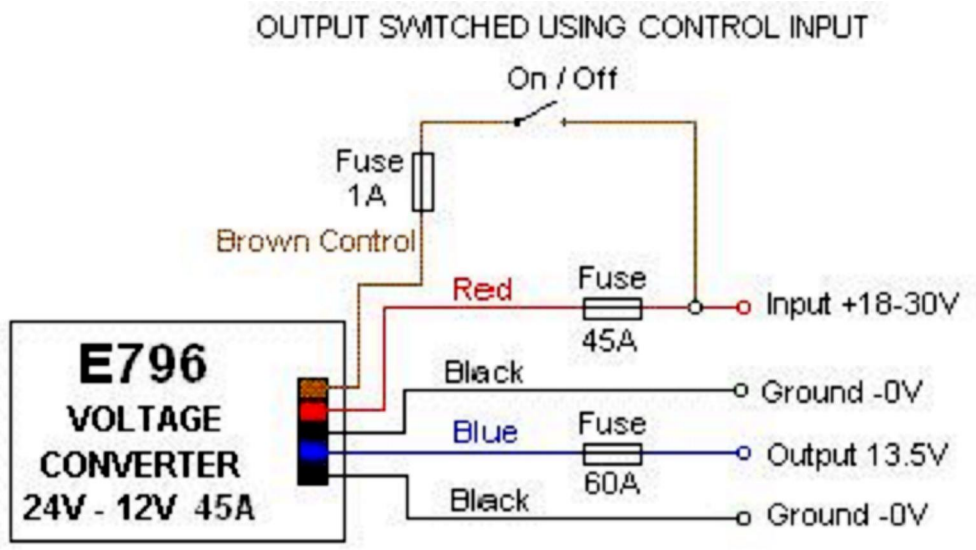
24V – 12V VOLTAGE CONVERTER 45AMP
HIGH SPECIFICATION
MANUFACTURED IN THE UK



- **PART NO: E796**
- **TYPE: SWITCH MODE DROPPER**
- **RATING: 45 AMP**
- **MAX CONTINUOUS O/P CURRENT: 45 AMP**
- **PEAK OUTPUT CURRENT: 60 AMP**
- **INPUT VOLTAGE: 18 – 30V DC**
- **OUTPUT VOLTAGE: 13.5V DC**
- **OVERLOAD PROTECTION: YES**
- **OUTPUT PROTECTED: YES**
- **POLARITY PROTECTED: YES**
- **OPERATING TEMPERATURE: - 40 DEG.C TO + 70 DEG.C**
- **HIGH TEMP PROTECTED: YES**
- **SHORT CIRCUIT PROTECTION: YES**
- **OVER VOLTAGE PROTECTION: YES**
- **EFFICIENCY: > 90%**
- **LOAD REGULATION: 0.3V**
- **DIMENSIONS: 320mm X 195mm X 55mm**
- **FIXING CENTRES: 300mm X 175mm (4 HOLE FIXING)**
- **HOLE SIZE: 6mm**
- **WEIGHT: 1860g**
- **CONSTRUCTION: 3 X E710-MOD1 15A CONVERTER MOUNTED ON A SINGLE ALUMINIUM PLATE**

MODELS ALSO AVAILABLE: 15AMP / 30AMP / 60AMP / 75AMP / 90AMP

OEM AND TRADE ENQUIRIES WELCOME



EURO MANUFACTURING AND MARKETING LIMITED
Euro Works, 11-13 High Street, Wem, Shropshire SY4 5AA, England.
Tel: +44 (0) 1939 235073 Fax: +44 (0) 1939 235074
Email: sales@eurogroup-gb.com OR sales@battery-management-voltage-converter.com
Web Site: www.eurogroup-gb.com OR www.battery-management-voltage-converter.com

BEFORE INSTALLATION YOU NEED TO PURCHASE:
INPUT (RED): 10.0mm² CONDUCTOR CROSS SECTION (80/0.40mm)
OUTPUT (BLUE): 10.0mm² CONDUCTOR CROSS SECTION (80/0.40mm)
GROUND (BLACK): 10.0mm² CONDUCTOR CROSS SECTION (80/0.40mm)
CONTROL (BROWN)): 1.0mm² CONDUCTOR CROSS SECTION (32/0.2mm)

INSTALLATION INSTRUCTIONS:

1. **CONNECT THE BLUE OUTPUT LEAD CONNECTION TO THE +VE CONNECTION ON YOUR 12V EQUIPMENT**
2. **CONNECT ONE BLACK LEAD CONNECTION TO THE –VE CONNECTION OF THE 12V EQUIPMENT**
3. **CONNECT ONE BLACK LEAD CONNECTION TO GROUND, IE: THE VEHICLE CHASSIS OR TO THE –VE CONNECTION OF THE 24V SUPPLY / BATTERY**
4. **CONNECT THE RED INPUT LEAD CONNECTION TO YOUR 24V +VE SUPPLY / BATTERY**
5. **THE BROWN CONTROL LEAD CONNECTION GIVES YOU THE OPTION TO SWITCH THE VOLTAGE CONVERTER ON AND OFF USING A STANDARD LOW CURRENT SWITCH.**
6. **ALTERNATIVELY YOU CAN CONNECT THE BROWN CONTROL LEAD CONNECTION DIRECTLY TO THE POSITIVE INPUT, IE: THE +VE CONNECTION ON THE 24V BATTERY, WHICH WILL ENABLE YOU TO RUN THE VOLTAGE CONVERTER ALL THE TIME.**

IF IN DOUBT, PLEASE CONSULT AN AUTOMOTIVE ELECTRICIAN OR TELEPHONE US ON 01939 235073

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This site covers our:

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- **DC-DC Battery Chargers**
- **DC-DC Voltage Converters**
- **Trailer Voltage Converters**
- **Battery Status Indicators**
- **Voltage Sensitive Switches.**

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- **Water Level Probes**
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- **Air Conditioning Fan Control Units**
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