E1525 10AMP VOLTAGE CONVERTER 12V – 20V

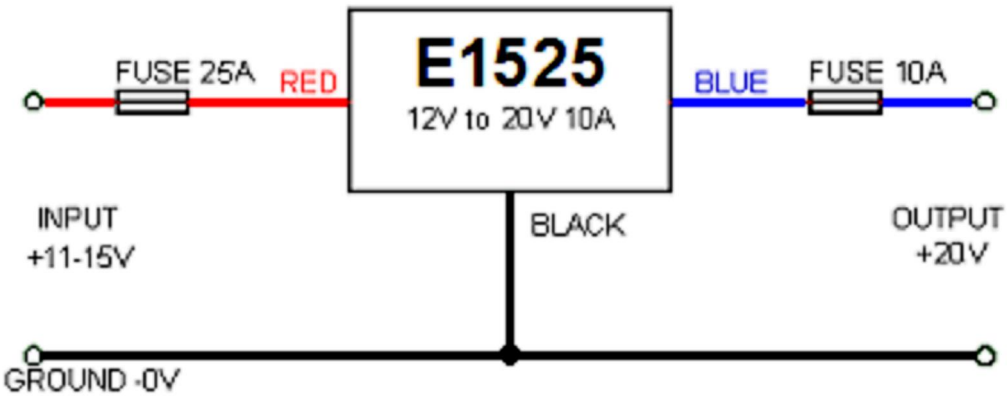


12V – 20V VOLTAGE CONVERTER 10AMP
HIGH SPECIFICATION
MANUFACTURED IN THE UK

- **PART NO: E1525**
- **TYPE: SWITCH MODE STEP UP VOLTAGE CONVERTER**
- **RATING: 10 AMP**
- **MAX CONTINUOUS O/P CURRENT: 10 AMP**
- **PEAK OUTPUT CURRENT: 10.5 AMP**
- **INPUT VOLTAGE: 11 – 15V DC**
- **OUTPUT VOLTAGE: 20V DC**
- **OVERLOAD PROTECTION: EXTERNAL FUSE**
- **OUTPUT PROTECTED: EXTERNAL FUSE**
- **POLARITY PROTECTED: YES**
- **OPERATING TEMPERATURE: - 40 DEG.C TO + 70 DEG.C**
- **HIGH TEMP PROTECTED: YES**
- **SHORT CIRCUIT PROTECTION: EXTERNAL FUSE**
- **EFFICIENCY: > 85%**
- **LOAD REGULATION: 0.1V**
- **DIMENSIONS: 155mm X 71mm X 55mm**
- **FIXING CENTRES: 138mm X 40mm (4 HOLE FIXING)**
- **HOLE SIZE: 4.5mm**
- **WEIGHT: 458g**
- **CONSTRUCTION: ANODISED COOLING PROFILE**

MODELS ALSO AVAILABLE: 20AMP / 30AMP / 40AMP / 50AMP / 60AMP / 70AMP / 80AMP

OEM AND TRADE ENQUIRIES WELCOME



WARNING: SHORTING THE OUTPUT TO GROUND WHILST THERE IS POWER CONNECTED TO THE POWER INPUT WILL DAMAGE THE CONVERTER.

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:
1 X 10A AUTOMOTIVE BLADE FUSE (COLOUR: RED)
1 X 25A AUTOMOTIVE BLADE FUSE (COLOUR: WHITE)
2 X INLINE FUSE HOLDER (TO TAKE BLADE FUSES)

RECOMMENDED MINIMUM CABLES SIZES:
INPUT (RED): 3mm² CONDUCTOR CROSS SECTION (44/0.3mm)
OUTPUT (BLUE): 3mm² CONDUCTOR CROSS SECTION (44/0.3mm)
GROUND (BLACK): 3mm² CONDUCTOR CROSS SECTION (44/0.3mm)

INSTALLATION INSTRUCTIONS:

1. **CONNECT THE BLUE OUTPUT LEAD TO THE +VE CONNECTION ON YOUR 20V EQUIPMENT (FITTING 1 X INLINE FUSE HOLDER WITH 10A BLADE FUSE BETWEEN THE VOLTAGE CONVERTER AND THE 20V EQUIPMENT AS SHOWN ON WIRING DIAGRAM SUPPLIED WITH UNIT)**

2. **CONNECT THE BLACK LEAD TO GROUND, IE: THE VEHICLE CHASSIS (THIS IS COMMON TO THE INPUT AND OUTPUT AS SHOWN ON THE WIRING DIAGRAM)**

3. **CONNECT THE RED INPUT LEAD TO YOUR 12V +VE SUPPLY (FITTING 1 X INLINE FUSE HOLDER WITH 25A BLADE FUSE BETWEEN THE VOLTAGE CONVERTER AND THE +VE CONNECTION OF YOUR 12V SUPPLY AS SHOWN ON WIRING DIAGRAM SUPPLIED WITH UNIT)**

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

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

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- **Printed Circuit Board Assembly**