E746 20AMP VOLTAGE CONVERTER 12V – 24V

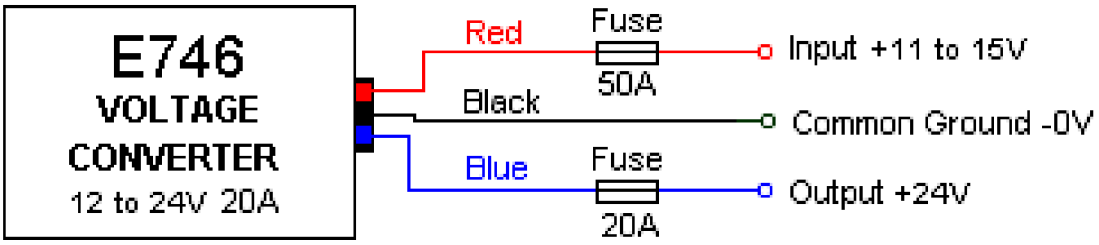
12V – 24V VOLTAGE CONVERTER 20AMP
HIGH SPECIFICATION
MANUFACTURED IN THE UK



FRONT VIEW REAR VIEW

- **PART NO: E746**
- **TYPE: SWITCH MODE STEP UP VOLTAGE CONVERTER**
- **RATING: 20 AMP**
- **MAX CONTINUOUS O/P CURRENT: 20 AMP**
- **PEAK OUTPUT CURRENT: 24 AMP**
- **INPUT VOLTAGE: 11 – 15V DC**
- **OUTPUT VOLTAGE: 24V 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: 0.3V**
- **DIMENSIONS: 215mm X 100mm X 75mm**
- **FIXING CENTRES: 70mm X 200mm (4 HOLE FIXING)**
- **HOLE SIZE: 5.5mm**
- **WEIGHT: 1150g**
- **CONSTRUCTION: ANODISED COOLING PROFILE (TWIN)**

MODELS ALSO AVAILABLE: 10AMP / 30AMP / 40AMP / 50AMP / 60AMP / 70AMP / 80AMP



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

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Web Site: www.eurogroup-gb.com OR www.battery-management-voltage-converter.com

BEFORE INSTALLATION YOU NEED TO PURCHASE:
1 X 50A AUTOMOTIVE BLADE FUSE
1 X 20A AUTOMOTIVE BLADE FUSE
2 X INLINE FUSE HOLDER (TO TAKE BLADE FUSES)

RECOMMENDED MINIMUM CABLES SIZES:
INPUT (RED): 6mm² CONDUCTOR CROSS SECTION (84/0.3mm)
OUTPUT (BLUE): 6mm² CONDUCTOR CROSS SECTION (84/0.3mm)
GROUND (BLACK)): 6mm² CONDUCTOR CROSS SECTION (84/0.3mm)

INSTALLATION INSTRUCTIONS:

1. **CONNECT THE BLUE OUTPUT LEAD CONNECTION TO THE +VE CONNECTION ON YOUR 24V EQUIPMENT (FITTING 1 X INLINE FUSE HOLDER WITH 20A BLADE FUSE BETWEEN THE VOLTAGE CONVERTER AND THE 24V EQUIPMENT AS SHOWN ON WIRING DIAGRAM SUPPLIED WITH UNIT)**

2. **CONNECT THE BLACK LEAD CONNECTION 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 CONNECTION TO YOUR 12V +VE SUPPLY (FITTING 1 X INLINE FUSE HOLDER WITH 50A 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

WHY NOT VISIT OUR WEBSITES TO VIEW THE OTHER PRODUCTS WE MANUFACTURE:

http://www.battery-management-voltage-converter.com
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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This site covers our Range of:
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- **Water Level Probes**
- **Temperature Monitors**
- **Temperature Probes**
- **Air Conditioning Fan Control Units**
- **Vehicle Flashers and Interrupters**
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- **Special Purpose Electrical / Electronic Assembly**
- **Encapsulation and Formal Coating**
- **Vacuum Formed Parts**
- **Printed Circuit Board Assembly**

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