# E1261 20AMP VOLTAGE CONVERTER 48V – 12V

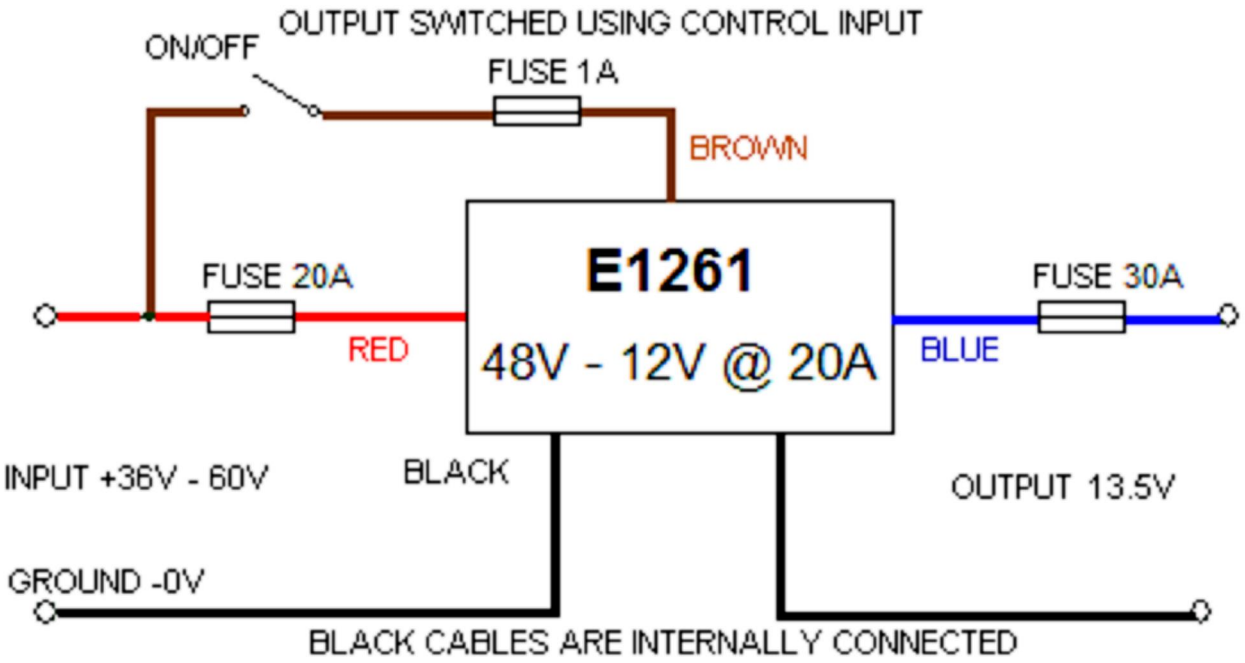
**48V – 12V VOLTAGE CONVERTER 20AMP**
**HIGH SPECIFICATION**
**MANUFACTURED IN THE UK**



- **PART NO: E1261**
- **TYPE: SWITCH MODE VOLTAGE DROPPER**
- **RATING: 20 AMPS**
- **MAX CONTINUOUS O/P CURRENT: 20 AMPS**
- **PEAK OUTPUT CURRENT: 38 AMPS**
- **INPUT VOLTAGE: 36V – 60V 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: 215mm X 100mm X 75mm**
- **FIXING CENTRES: 70mm X 200mm**
- **HOLE SIZE: 5.5mm**
- **WEIGHT: 1150g**
- **CONSTRUCTION: ANODISED COOLING PROFILE (TWIN)**

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

**OEM AND TRADE ENQUIRIES WELCOME**




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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 1A AUTOMOTIVE BLADE FUSE (COLOUR: BLACK)**
**1 X 20A AUTOMOTIVE BLADE FUSE (COLOUR: RED)**
**1 X 30A AUTOMOTIVE BLADE FUSE (COLOUR: BLUE)**
**3 X INLINE FUSE HOLDER (TO TAKE BLADE FUSES)**

**INSTALLATION INSTRUCTIONS:**

1. **CONNECT THE BLUE OUTPUT LEAD CONNECTION TO THE +VE CONNECTION ON YOUR 12V EQUIPMENT (FITTING 1 X INLINE FUSE HOLDER WITH 30A BLADE FUSE BETWEEN THE VOLTAGE CONVERTER AND THE 12V EQUIPMENT AS SHOWN ON WIRING DIAGRAM SUPPLIED WITH UNIT)**

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 48V SUPPLY / BATTERY**

4. **CONNECT THE RED INPUT LEAD CONNECTION TO YOUR 48V +VE SUPPLY / BATTERY (FITTING 1 X INLINE FUSE HOLDER WITH 20A BLADE FUSE BETWEEN THE VOLTAGE CONVERTER AND THE +VE CONNECTION OF YOUR 48V SUPPLY AS SHOWN ON WIRING DIAGRAM SUPPLIED WITH UNIT)**

5. **THE BROWN CONTROL LEAD CONECTION 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 48V BATTERY (FITTING 1 X INLINE FUSE HOLDER WITH 1A BLADE FUSE BETWEEN THE 48V BATTERY AND THE VOLTAGE CONVERTER AS SHOWN ON WIRING DIAGRAM SUPPLIED WITH UNIT) 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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- **Temperature Probes**
- **Air Conditioning Fan Control Units**
- **Vehicle Flashers and Interrupters**
- **Light Control Units**
- **Oil Level Monitors**
- **Oil Level Probes**
- **Hydraulic Control Units**
- **Audible Warning Devices**
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