# E1548 10AMP VOLTAGE CONVERTER 80V – 12V



**80V – 12V VOLTAGE CONVERTER 10AMP**
**HIGH SPECIFICATION**
**MANUFACTURED IN THE UK**

- **PART NO: E1548**
- **TYPE: SWITCH MODE VOLTAGE DROPPER**
- **RATING: 10 AMPS**
- **MAX CONTINUOUS O/P CURRENT: 10 AMPS**
- **PEAK OUTPUT CURRENT: > 10.5 AMPS**
- **INPUT VOLTAGE: 60V – 90V DC**
- **OUTPUT VOLTAGE: 12V DC**
- **OVERLOAD PROTECTION: YES**
- **OUTPUT PROTECTED: YES**
- **POLARITY PROTECTED: EXTERNAL FUSE**
- **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: 155mm X 70mm X 53mm**
- **FIXING CENTRES: 138mm X 40mm (4 HOLE FIXING)**
- **HOLE SIZE: 5.5mm**
- **WEIGHT: 447g**
- **CONSTRUCTION: ANODISED COOLING PROFILE**

**MODELS ALSO AVAILABLE: 20AMP / 30AMP / 40AMP**
**OEM AND TRADE ENQUIRIES WELCOME**



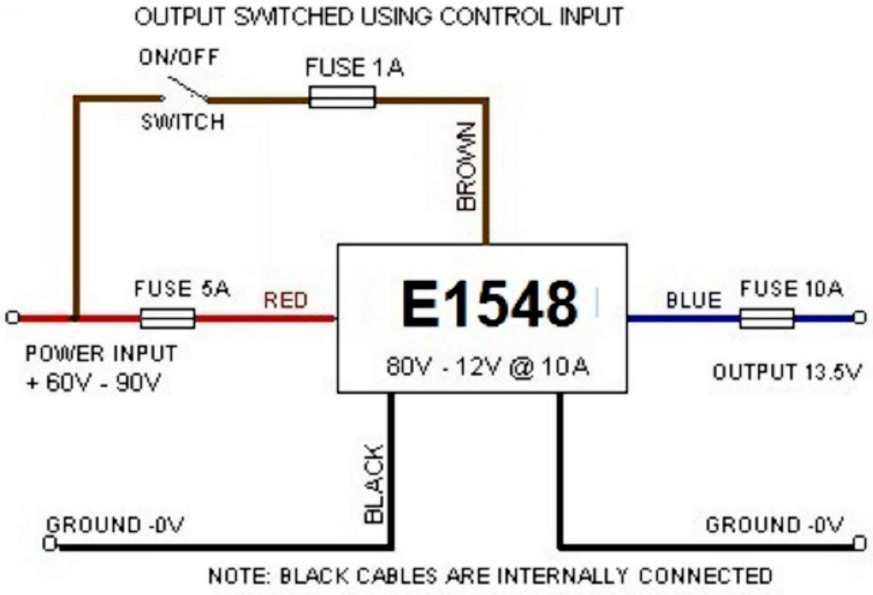

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This site covers our:
- Battery Management Systems
- Split Charge Controllers
- DC-DC Battery Chargers
- DC-DC Voltage Converters
- Trailer Voltage Converters
- Battery Status Indicators
- Voltage Sensitive Switches
- Digital Speed Switches
- Horsebox Electrics

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- Water Level Probes
- Temperature Monitors
- 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
- Reversing Alarms
- Timers
- Vehicle Safety & Security Units
- Digital Speed Switches
- Solenoid Controllers
- Relays, Connectors, Lamps,
- Switches
- Earth Straps
- Looms and Wiring Harnesses


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# E1548 10AMP VOLTAGE CONVERTER 80V – 12V




**BEFORE INSTALLATION YOU NEED TO PURCHASE:**

**1 X 1A AUTOMOTIVE BLADE FUSE**
**1 X 5A AUTOMOTIVE BLADE FUSE**
**1 X 10A AUTOMOTIVE BLADE FUSE**
**3 X INLINE FUSE HOLDER (TO TAKE BLADE FUSES)**

**INSTALLATION INSTRUCTIONS:**

1. **CONNECT THE BLUE OUTPUT LEAD TO THE +VE CONNECTION ON YOUR 12V EQUIPMENT (FITTING 1 X INLINE FUSE HOLDER WITH 10A BLADE FUSE BETWEEN THE VOLTAGE CONVERTER AND THE 12V EQUIPMENT AS SHOWN ON WIRING DIAGRAM SUPPLIED WITH UNIT)**

2. **CONNECT ONE BLACK LEAD TO THE –VE CONNECTION OF THE 12V EQUIPMENT**

3. **CONNECT ONE BLACK LEAD TO GROUND, IE: THE VEHICLE CHASSIS OR TO THE –VE CONNECTION OF THE 80V SUPPLY / BATTERY**

4. **CONNECT THE RED INPUT LEAD TO YOUR 80V +VE SUPPLY / BATTERY (FITTING 1 X INLINE FUSE HOLDER WITH 5A BLADE FUSE BETWEEN THE VOLTAGE CONVERTER AND THE +VE CONNECTION OF YOUR 80V SUPPLY AS SHOWN ON WIRING DIAGRAM SUPPLIED WITH UNIT)**

5. **THE BROWN CONTROL LEAD 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 DIRECTLY TO THE POSITIVE INPUT, IE: THE +VE CONNECTION ON THE 80V BATTERY (FITTING 1 X INLINE FUSE HOLDER WITH 1A BLADE FUSE BETWEEN THE 80V 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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