E1325 10AMP VOLTAGE CONVERTER 12V – 18.5V

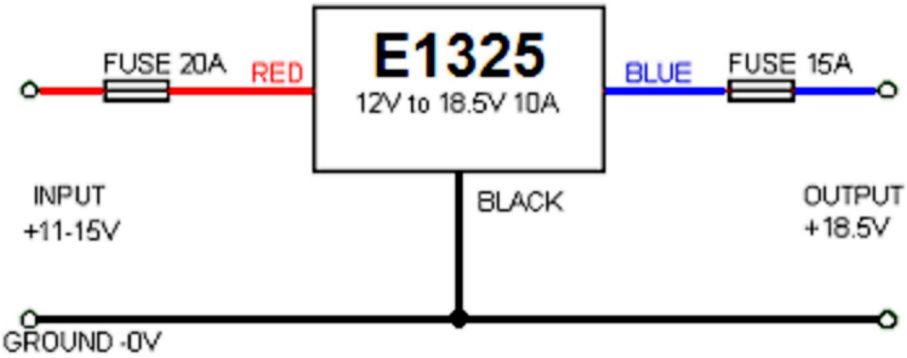


12V – 18.5V VOLTAGE CONVERTER 10AMP
HIGH SPECIFICATION
MANUFACTURED IN THE UK

- **PART NO: E1325**
- **TYPE: SWITCH MODE STEP UP VOLTAGE CONVERTER**
- **RATING: 10 AMP**
- **MAX CONTINUOUS O/P CURRENT: 10 AMP**
- **PEAK OUTPUT CURRENT: 14 AMP**
- **INPUT VOLTAGE: 11 – 15V DC**
- **OUTPUT VOLTAGE: 18.5V 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 70mm X 55mm**
- **FIXING CENTRES: 138mm X 40mm (4 HOLE FIXING)**
- **HOLE SIZE: 5.5mm**
- **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.

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BEFORE INSTALLATION YOU NEED TO PURCHASE:
1 X 15A AUTOMOTIVE BLADE FUSE (COLOUR: BLUE)
1 X 20A AUTOMOTIVE BLADE FUSE (COLOUR: YELLOW)
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 18.5V EQUIPMENT (FITTING 1 X INLINE FUSE HOLDER WITH 15A BLADE FUSE BETWEEN THE VOLTAGE CONVERTER AND THE 18.5V 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 20A 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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- **Printed Circuit Board Assembly**