

# E799 2.5AMP VOLTAGE CONVERTER 12V – 56V

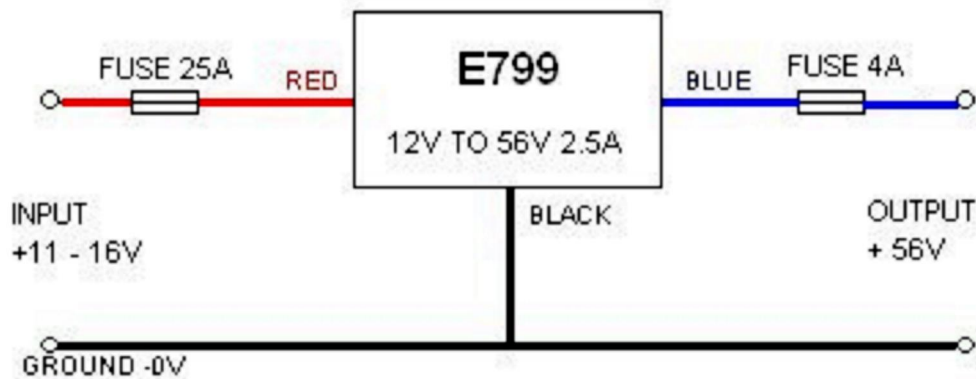
12V – 56V VOLTAGE CONVERTER 2.5AMP  
HIGH SPECIFICATION  
MANUFACTURED IN THE UK



- PART NO: E799
- TYPE: SWITCH MODE STEP UP VOLTAGE CONVERTER
- RATING: 2.5 AMP
- MAX CONTINUOUS O/P CURRENT: 2.5 AMP
- PEAK OUTPUT CURRENT: 5 AMP
- INPUT VOLTAGE: 11 – 16V DC
- OUTPUT VOLTAGE: 56.1V 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: 215mm X 71mm X 55mm
- FIXING CENTRES: 199mm X 40mm (4 HOLE FIXING)
- HOLE SIZE: 4.5mm
- WEIGHT: 572g
- CONSTRUCTION: ANODISED COOLING PROFILE

MODELS ALSO AVAILABLE: 5AMP / 7.5AMP / 10AMP / 12.5AMP / 15AMP / 17.5AMP / 20AMP

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 4A AUTOMOTIVE BLADE FUSE (COLOUR: PINK)**
- 1 X 25A AUTOMOTIVE BLADE FUSE (COLOUR: NATURAL)**
- 2 X INLINE FUSE HOLDER (TO TAKE BLADE FUSES)**

**RECOMMENDED MINIMUM CABLES SIZES:**

- INPUT (RED): 3mm<sup>2</sup> CONDUCTOR CROSS SECTION (44/0.3mm)**
- OUTPUT (BLUE): 3mm<sup>2</sup> CONDUCTOR CROSS SECTION (44/0.3mm)**
- GROUND (BLACK) ): 3mm<sup>2</sup> CONDUCTOR CROSS SECTION (44/0.3mm)**

**INSTALLATION INSTRUCTIONS:**

- 1. CONNECT THE BLUE OUTPUT LEAD TO THE +VE CONNECTION ON YOUR 56V EQUIPMENT (FITTING 1 X INLINE FUSE HOLDER WITH 4A BLADE FUSE BETWEEN THE VOLTAGE CONVERTER AND THE 56V 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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**WHY NOT VISIT OUR WEBSITES TO VIEW THE OTHER PRODUCTS WE MANUFACTURE:**

**<http://www.battery-management-voltage-converter.com>**

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.

**<http://www.eurogroup-gb.com>**

This site covers our Range of:

- Water Level Monitors
- 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 and Security Units
- Digital Speed Switches
- Solenoid Controllers
- Relays, Connectors, Lamps, Switches
- Earth Straps
- Looms and Wiring Harnesses
- Transformer and Coil Winding
- Mechanical Assembly
- Special Purpose Electrical / Electronic Assembly
- Encapsulation and Formal Coating
- Vacuum Formed Parts
- Printed Circuit Board Assembly