

E797-MOD1 60AMP VOLTAGE CONVERTER 24V – 12V

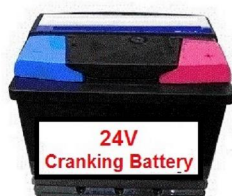
Run 12V Gritter on 24V Vehicle

24V – 12V VOLTAGE CONVERTER 60AMP
HIGH SPECIFICATION
MANUFACTURED IN THE UK

- PART NO: E797 – MOD1
- TYPE: SWITCH MODE DROPPER
- RATING: 60 AMP
- MAX CONTINUOUS O/P CURRENT: 60 AMP
- PEAK OUTPUT CURRENT: 80 AMP
- INPUT VOLTAGE: 18 – 30V 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
- CONSTRUCTION: 4 X E710 15A DROPPER MOUNTED ON A SINGLE ALUMINIUM PLATE – MOUNTED IN IP66 STEEL ENCLOSURE 400x300x170mm



24V Vehicle
Alternator



Input

60A Voltage Converter

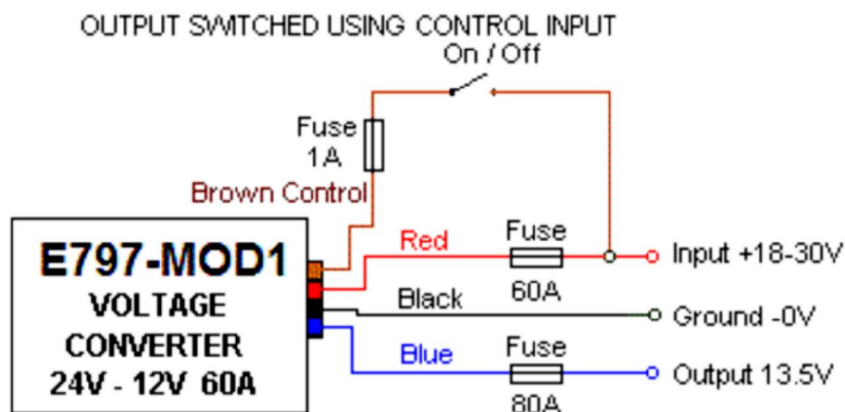


Output

12V Gritter



MODELS ALSO AVAILABLE: 15AMP / 30AMP / 45AMP / 75AMP / 90AMP
OEM AND TRADE ENQUIRIES WELCOME



EURO MANUFACTURING AND MARKETING LIMITED

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PLEASE READ INSTRUCTIONS BEFORE FITTING:-

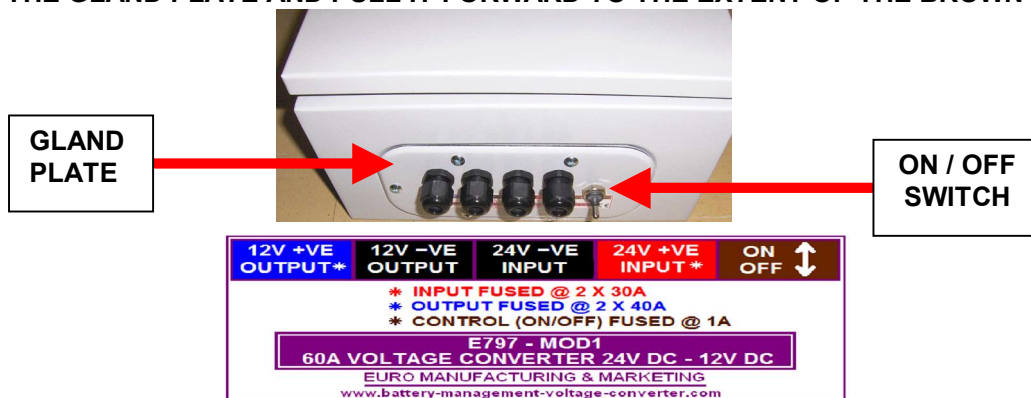
RECOMMENDED MINIMUM CABLES SIZES:

INPUT (RED): 25mm² CONDUCTOR CROSS SECTION (196/0.4mm)

OUTPUT (BLUE): 25mm² CONDUCTOR CROSS SECTION (196/0.4mm)

GROUND (BLACK): 25mm² CONDUCTOR CROSS SECTION (196/0.4mm)

1. UNLOCK FRONT DOOR
2. IF YOU WANT TO FIT THE 4 X CABINET FIXING LUGS, FIT THEM AT THIS STAGE (REFER TO CABINET INSTRUCTION SHEET)
3. REMOVE THE GLAND PLATE AND PULL IT FORWARD TO THE EXTENT OF THE BROWN LEADS



4. UNDO THE 3 NUTS, FLAT WASHERS AND SPRING WASHERS THAT SECURE THE 4 CABLE LUGS
5. STRIP THE CABLE READY FOR CRIMPING
6. FEED THE 4 CABLES THROUGH THE CABLE GLANDS MOUNTED ON THE GLAND PLATE, ALLOWING SUFFICIENT CABLE THROUGH THE CABLE GLANDS TO MAKE IT EASY TO FIT THE 4 CABLE LUGS AND CRIMP
7. BEFORE FITTING THE CABLE LUGS, FEED OVER THE CABLE THE 4 X SHRINK ON SLEEVES (2 BLACK / 2 RED)
8. CRIMP THE 4 CABLE LUGS, PUSH THE HEAT SHRINK SLEEVES OVER THE LUGS, CAREFULLY APPLY HEAT AND SHRINK OVER THE CRIMP PART OF THE LUG
9. REFIT THE LUGS OVER THE TERMINALS IN THE CORRECT ORDER, FITTING 2 OF THE LUGS (-VE INPUT AND -VE OUTPUT) ONTO 1 TERMINAL (COMMON BLACK)
10. REPLACE THE FLAT WASHERS, SPRING WASHERS AND NUTS IN THE CORRECT ORDER AND TIGHTEN THE NUTS, MAKING SURE THAT THE NUTS HAVE BEEN TIGHTENED SUFFICIENTLY – BEARING IN MIND THAT THERE IS A LARGE AMOUNT OF CURRENT PASSING THROUGH THESE CONNECTIONS.
11. CAREFULLY SLIDE THE GLAND PLATE BACK INTO POSITION, TIGHTENING ALL 6 SECURING SCREWS
12. TIGHTEN THE GLAND NUTS TO SECURE THE CABLE.

ON / OFF SWITCH

AN ON / OFF SWITCH IS FITTED TO THE GLAND PLATE.

WHEN THE TOGGLE IS SWITCHED TO FACE THE FRONT OF THE CABINET, THE VOLTAGE CONVERTER IS SWITCHED ON

THE SWITCH MUST BE SWITCHED ON BEFORE THE GRITTER IS ENGAGED, IE: SWITCHED ON

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