

# auto electrical parts

## Technical Information Sheet

### Part No. 0-852-72

Durite's 24 volt dc to 12 volt dc 30 amp split charger. Designed to charge and maintain a 12 volt auxiliary battery from a 24 volt dc system.

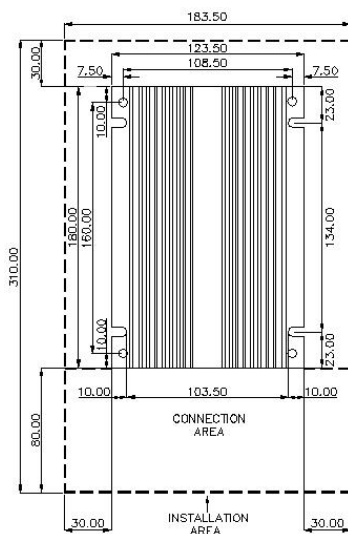
Using an intelligent software controlled micro processor it controls the charging system and uses voltage sensing for automatic cut in and drop out of charge from the 24 volt system, so it will not charge the 12 volt auxiliary battery until the 24 volt vehicle battery is charged or being charged. Suitable for Euro 6 vehicles with smart alternators.

#### Additional Information

12V INPUT	POSITIVE	RED
12V OUTPUT	POSITIVE	WHITE
COMMON	NEGATIVE	BLACK
CONTROL	POSITIVE	YELLOW

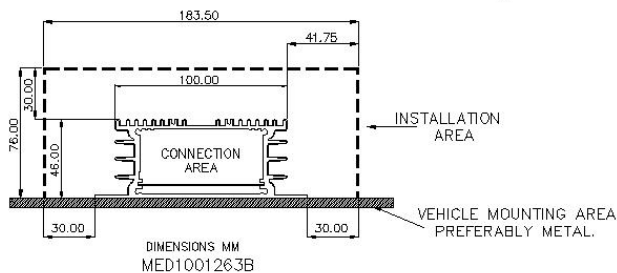


#### Technical Drawing (not to scale)



#### NOTES:

- 4 off fixing holes 6.00mm Ø + 4 off slots 6mm x 10mm.
- Mount Vertically with cables towards ground for best cooling and moisture protection.
- Recommended air space around heatsink:- top, sides and non connector end 30mm (as dashed lines).
- Connector end space 80mm absolute min (as dashed lines).
- Recommended mounting:- metal base.
- Orientate Led for visibility.
- Do not fit near heat sensitive material or components as case may reach temperatures up to 75 deg C.
- Do not fit near heat sources such as exhaust or heater pipes.



#### Specification

Type	Battery to Battery Charger
Isolation	Non Isolated
Input Voltage	20-32VDC
Output Voltage	12VDC
Output Load Current	30A Max
No Load Input Current	4mA @ 24VDC Input
Protection	Output overload and over temperature protection with auto reset
Operating Temperature	-30C to +70C
Weight	0.925Kg
Dimensions	See above diagram
Connections	500mm flying leads
Compliance	CE, EMC R10

The information contained in this document is correct to the best of our knowledge at the time of printing. However, specifications may change at any time without notice.