

auto electrical parts

Technical Information Sheet

Part No. 0-852-73

Durite's 24 volt dc to 12 volt dc 20 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. Suitbale for Euro 6 vehicles with smart alternators. 20A can be used through 7 or 13Pin trailer sockets. Additional Information

RED

12V INPUT	POSITIVE

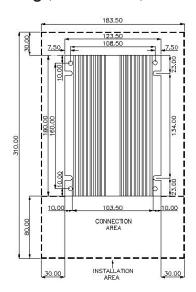
12V OUTPUT POSITIVE WHITE

COMMON NEGATIVE BLACK

CONTROL POSITIVE YELLOW

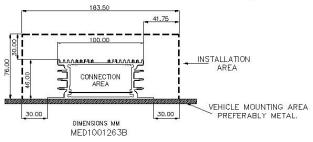


Technical Drawing (not to scale)



NOTES:

- . 4off fixing holes 6.00mm Ø +4off 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).
- 4. Connector end space 80mm absolute min (as dashed lines).
- Recommended mounting:- metal base.
- 6. Orientate Led for visibility
- 7. Do not fit near heat sensitive material or components as case may reach temepratures up to 75 deg C.
- 8. Do not fit near heat sources such as exhaust or heater pipes.



Specification

Gordon Equipments Limited Durite Works

Valley Road

Dovercourt Essex CO12 4RX

England

Type Battery to Battery Charger

IsolationNon IsolatedInput Voltage20-32VDCOutput Voltage12VDCOutput Load Current20A 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.







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