



DSE9473 & DSE9483 Installation Instructions

 **DANGER OF DEATH: LIVE PARTS exist within the DSE9473 & DSE9483 enclosures. The enclosure cover must not be removed.**

INSTALLATION

The DSE9473 & DSE9483 battery chargers are designed to be mounted within a control panel, utilising the integral mounting holes. The DSE9473 & DSE9483 battery chargers are fit-and-forget. It may be permanently connected to the supply and the load, with no requirement to disable the charger during times of heavy load (such as engine cranking) or when in parallel with a charging alternator.

BATTERY SUITABILITY

The chargers are factory set by DSE to suit Lead Acid batteries and may be ordered to suit other battery types. Additionally, configuration is possible using the DSE Configuration Suite PC Software to suit other battery types. Care must be taken to ensure the batteries connected to the charger are of the correct 'technology' to suit the setting of the charger.

INDICATIONS

The DSE9473 & DSE9483 Battery Chargers feature LED indicators to show the battery charger status.

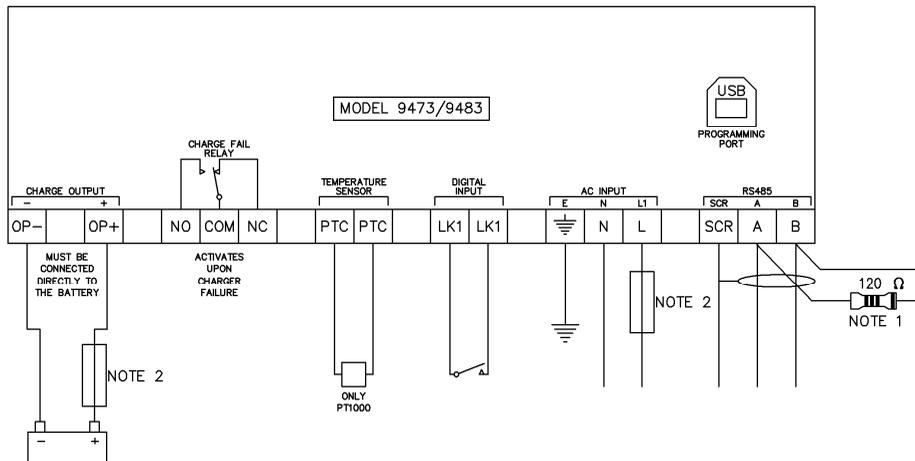
DIMENSIONS AND MOUNTING

Case Dimensions	205 mm x 135 mm x 80 mm (8.0 " x 5.3 " x 3.1 ")
Mounting Holes Dimensions	Suitable for M4 (0.2 " diameter)
Mounting Hole Spacings	190 mm x 120 mm (7.5 " x 4.7 ")

 **NOTE: The DSE9473 & DSE9483 chargers are designed to be mounted with the base to a vertical surface with the terminal strips at the bottom.**

 **NOTE: This document is intended as a 'quick start' guide only. For full operating instructions and specifications, refer to DSE publication: 057-085 DSE9xxx Operator Manual.**

TYPICAL CONNECTION DIAGRAM



NOTE 1

A 120 OHM TERMINATION RESISTOR MUST BE FITTED IF IT IS THE FIRST OR LAST DEVICE ON AN RS485 LINK

NOTE 2

FUSE APPROPRIATELY AND AS CLOSE TO THE BATTERY AS POSSIBLE TO PROTECT THE CABLES AND BATTERY

Connection Type	Screw terminal, rising clamp, no internal spring	
Min Cable Size (AC Supply)	2.0 mm ² (AWG 15)	
Min Cable Size (Charge Output)	1.0 mm ² (AWG 18)	
Min Cable Size (All Other Connections)	0.5 mm ² (AWG 20)	
Max Cable Size (AC Supply)	3.3 mm ² (AWG 12)	
Max Cable Size (All Other Connections)	2.5 mm ² (AWG 14)	
Recommended AC Fuse DSE9473	230 V AC Input 3.5 A anti-surge	110 V AC Input 6.3 A anti-surge
Recommended AC Fuse DSE9483	230 V AC Input 2.0 A anti-surge	110 V AC Input 3.5 A anti-surge

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