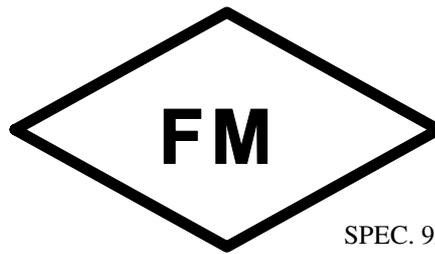


SINGLE 10A BATTERY CHARGER



CE



Type **DVAC/10**

SPEC. 9/9902

Release 1.2

Features

The battery charger type DVAC/10 is Factory Mutual approved for use within Metron Eledyne fire pump controllers. It meets the requirements of UL1236, as confirmed by Factory Mutual. Two battery chargers are typically installed in a single fire pump controller.

The battery charger is designed using traditional tried and tested thyristor techniques to produce a robust and reliable module. A battery charger failure output is provided.

The battery charger fully conforms to NFPA number 20 and will recharge a fully discharged battery within 24 hours.



Specifications and features:-

Maximum battery capacity: 224Ah

Charging method:

Constant current and constant voltage control

Charging Topology:

Thyristor and rectifier based

Battery charging algorithm:

Intelligent boost equalise float cycle (FM ONLY)

With manual boost control facility

Control Circuit basis:

Microprocessor based

Efficiency :

60-80%

Power factor, full charge

0.51

Power consumption

2x 12v chargers = 750W, 2x 24v = 1.5kW

Power factor, trickle charge

0.25

Temperature range:

-10 to 60°C

Short circuit protection:

Fused output

Fully EMC compliant:

89/336/EEC

Weight

1.054kg

Dimensions

Width=155, Height=110, Length=305mm

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