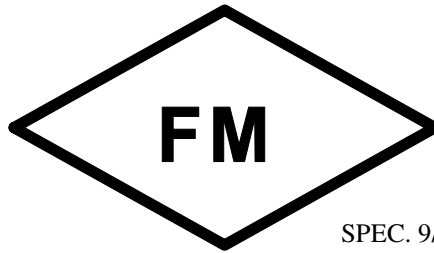


# SINGLE 10A BATTERY CHARGER



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

