

## SINGLE 10A BATTERY CHARGER



Type **DVAC/10**

SPEC. 9/9902

Release 1.0

### 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, typically	0.5
Temperature range:	-10 to 60°C
Short circuit protection:	Fused output
Fully EMC compliant:	89/336/EEC

### HUBBELL LTD

Brunel Drive, Stretton Business Park, Burton on Trent, DE13 0BZ, United Kingdom.  
Tel: +44(0) 1283 500 500 Fax: +44(0) 1283 500 400 Email: [sales@gai-tronics.co.uk](mailto:sales@gai-tronics.co.uk)  
Web: [www.gai-tronics.co.uk](http://www.gai-tronics.co.uk)