



AVK/UPS POWERSCAN SYSTEM

UPS POWERSCAN

A 24 hour year round communication system for the management of UPS & power distribution systems.

Protection

UPS are complex pieces of equipment that require regular on going maintenance to ensure maximum performance. Mains supply and distribution of UPS power are prone to faults and operator error. Therefore, power protection systems must be designed to be fault tolerant and maintainable whilst critical loads remain supported and operational. To ensure optimum maintainability, the power distribution system must be continually monitored.

Product

AVK UPS Powerscan is a bi-directional, 24-hour year round communication system for the management of UPS and power distribution systems. For complete security and peace of mind, the AVK UPS Powerscan provides early warning of any alarm condition or out-of-tolerance status, allowing effective pro-active maintenance and fast incident response.

Monitor

Changes occur that affect the performance and integrity of a UPS. The AVK UPS Powerscan firmware provides 24 x 7 continuous monitoring of your mains supply and UPS operating parameters. Over 100 separate parameters are

monitored for the latest UPS ranges.

At defined intervals, or at the activation of a particular alarm, your UPS will make a call to The Powerscan Service Centre and provide a status report via modem link.

Analyse

In the event of an emergency condition, at the customers request we can dispatch a service engineer on-site. Using the fault finding function, service engineers benefit from clear and accurate analysis of the problem before arriving on-site. As a result, first time fix rates may be improved.

Examples of conditions requiring telephone intervention with the customer are:

- High Battery Temperature
- High UPS Temperature
- Current Overload
- Prolonged mains failure
- Manual intervention on the UPS such as the opening/closing of breakers, or the start/stop of the inverter.

Examples of conditions requiring on-site service technician intervention are:

- Battery failure
- High Temperature due to ventilation system failure
- UPS component failure

Support

The AVK UPS Powerscan provides 24-hour real time monitoring of your UPS system, 365 days a year, by our experts in the Service Centre.

Solution

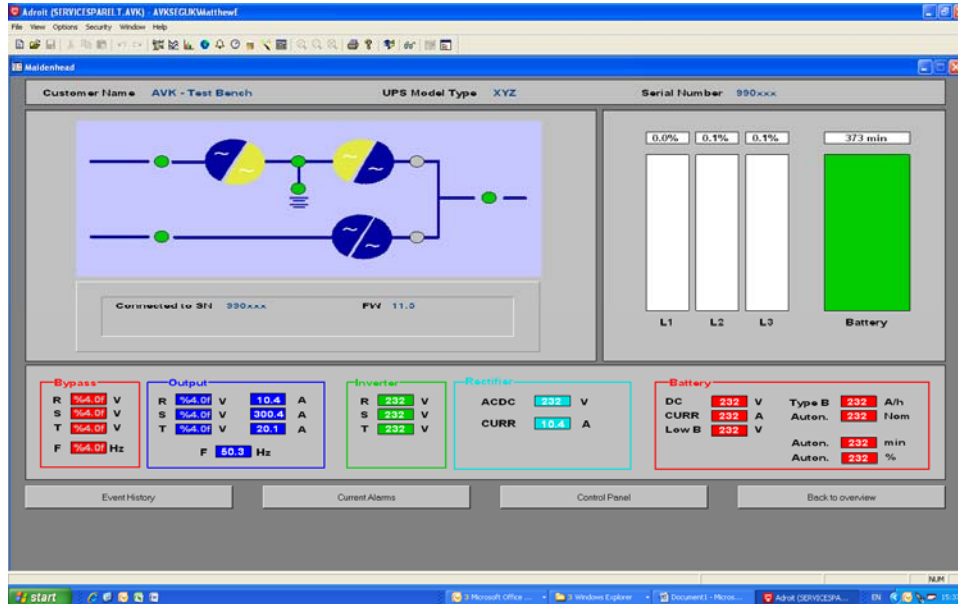
In the event of an emergency condition occurring 24/7, your Powerscan technical support desk receives an immediate emergency report for assessment.

Should an emergency condition arise The Powerscan operator undertakes an immediate analysis to determine what follow-up action is required. The Powerscan operator establishes personal contact with the customers' nominated representative and together they agree on an appropriate course of action. If necessary, the service engineer will complete an emergency visit.

The Powerscan trouble shooting function is applied upon receipt of an emergency report from your UPS. The Powerscan automatically generates a list of alarm conditions and provides a series of possible solutions, leading to the swift identification and resolution of all possible operating anomalies.

For more information on our full range of Products & Services or for a quotation, please telephone AVK | SEG (UK) LTD on 01628 503900.

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Key Features

- Central System for logging UPS operating parameters and alarm codes.
 - Connection using either ISDN or GSM
- Selectable alarms for automatic notification to Service Department, for direct response without need for customer notification.
- Fully accessible by Field engineers, for interrogating prior to attending site, to ensure engineer is fully equipped to complete repair in minimum time.
- Weekly recording of all UPS System values to monitor loads and battery condition.
- On request report generation for UPS performance and trend analysis over specific time periods.
 - Countrywide coverage from a single control centre.

