

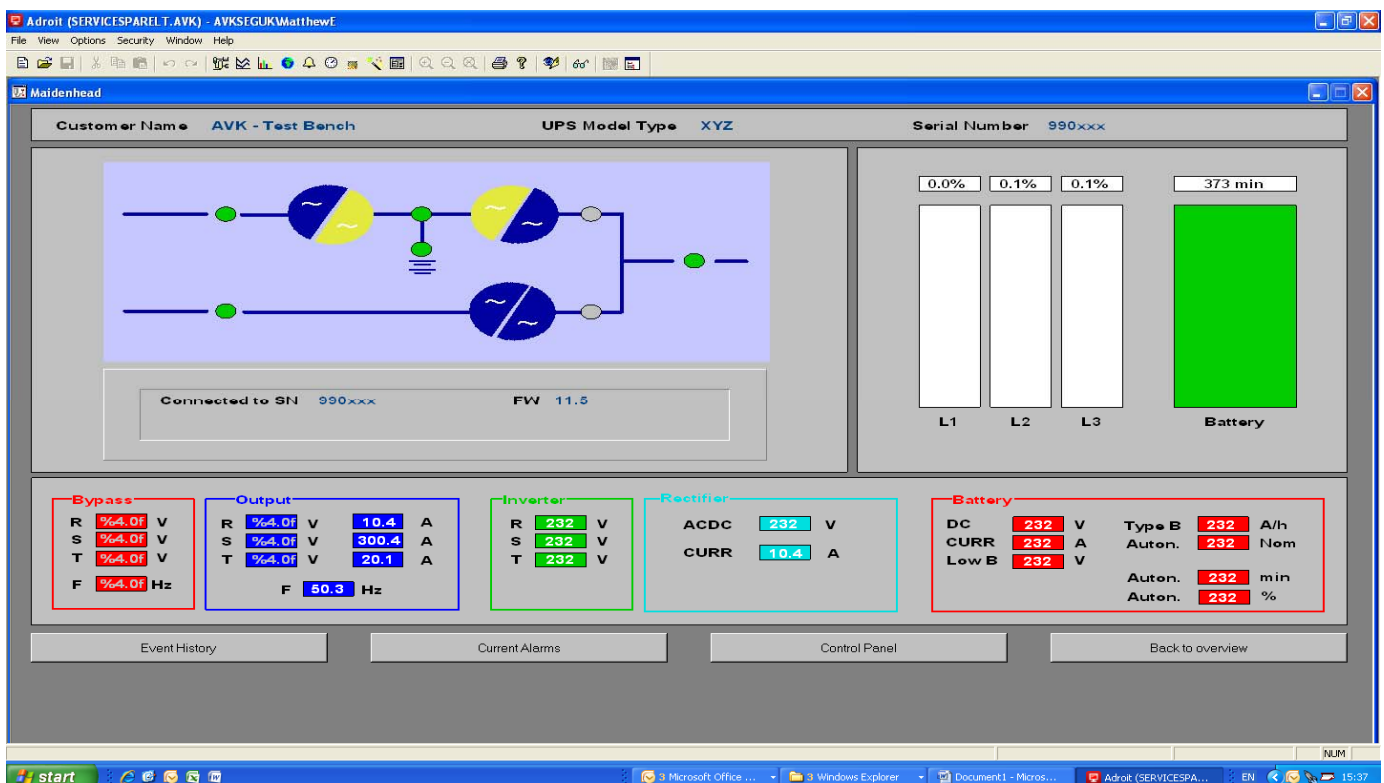


AVK/UPS POWERSCAN SYSTEM

24/365 Remote Monitoring System for the Management of UPS and Power Distribution Systems

KEY FEATURES

- Central system for monitoring UPS operating parameters and alarm codes.
- Dedicated secure connection using either ISDN or GSM.
- Selectable alarms for automatic notification to AVK Service Department, for immediate response without need for customer notification.
- Fully accessible by Field engineers, for interrogating prior to attending site.
- Engineer is fully equipped to complete repair in minimum time and on 1st visit.
- Weekly recording of all UPS System values to monitor loads and battery condition.
- Report generation for UPS performance and trend analysis over specific time periods.
- Countrywide coverage from a single control centre.



<http://www.avk-seg.co.uk/index.cfm>

- UPS / Gen Maintenance
 - UPS / Gen Hire
- Battery Maintenance
- Remote Monitoring



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 24/7 365 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 AVK Service Centre and provide a status report.

Analyse

In the event of an emergency condition, at the customer's request we can dispatch a Service Engineer to 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 and downtime decreased.

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

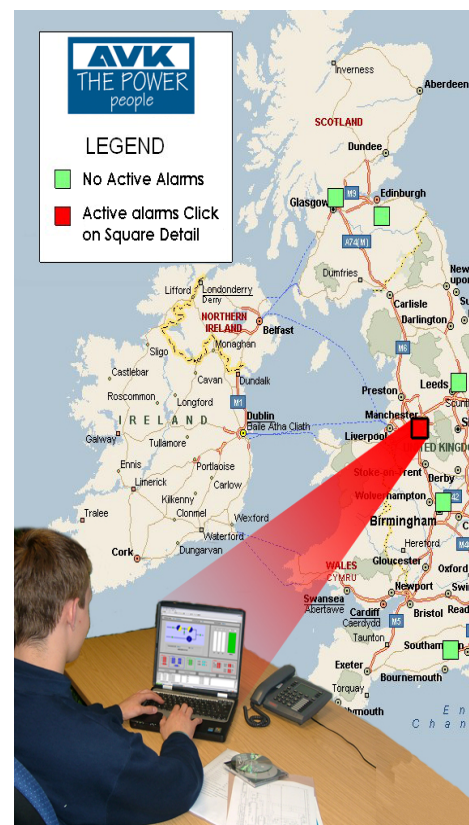
Support

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, our AVK Service Centre receives an immediate emergency report for assessment.

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



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