Datasheet

Advanced Intelligent Power Solutions

Setting new standards in data centre management

iPower® ATS (Automatic Transfer Switch) provides reliable and precise management of primary and secondary AC power feeds for equipment with a single power connection. When connected to separate feeds the ATS provides automatic or manual selection of either maintained incoming single-phase supply.

The ATS can be remotely managed using the proven iPower® platform, with clear and precise on board instructions on setting up parameters and creating alerts. From the internal GUI, the user can view and control the selected feed, as well as monitoring the status of the second supply.

The iPower ATS has a powerful 1% tolerance energy meter providing reports and alarms for a range of energy metrics including:

- **Peak Amps**
- **Peak Volts**
- **Volts AC**
- **Amps AC**
- **VA**
- **Frequency**
- **Watts**
- **Power Factor**
- **Internal Temperature**
- **kWh**



iPower® ATS has an easy-to-use HTML graphical interface, with the ability to set SMS and Email alarms for all critical parameters.

iPower® ATS will work in conjunction with other **iPower®** products to create a fully flexible monitoring system allowing for individual racks to have switching only, or switching with supply management, rack security and environmental capabilities.

iPower® ATS works in Manual mode, where only one feed is required, or in Fully Automatic. When in Automatic mode, the user retains full control and can select the preferred feed using the web interface.

iPower® ATS is 16A or 32A rated, with a wide choice of input and output configurations.

iPower® ATS meets the industry standard 21ms transfer time, with an exceptionally fast changeover speed of between 8-15ms on both Live and Neutral Conductors.

iPower® ATS is configurable with a choice of inlet and outlet styles, in 1U or 2U rack mounted vented steel enclosure.

Full control of the switching state can be selected from the front panel, with status LED's to confirm source and load.

Network interface. HTTP, SNMPv2, Alerts via SNMP, and Email, DHCP or Static IP, Speeds up to 100Mbps.

All iPower® products are designed and manufactured in the UK and are fully supported with a 5 year return to base warranty.

Features

- **Overall Energy Measurement up to 32A**
- **Highly Accurate Energy Measurement**
- **Set Alerts for all critical metrics**
- **Send Alerts via Email or SNMP Traps**
- **PDU Agent™ management software available (FOC)**
- **Flexible configuration & implementation**
- **Custom builds available**
- **5 Year Return to Base Warranty**

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Manufactured in the UK