

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.

In addition, the iPower ATS has a powerful 1% tolerance energy meter providing reports and alarms for a range of energy metrics including: -

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



Features

- **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.

iPower ATS is a new generation intelligent Automatic Transfer Switch, that exceeds the industry standard 21ms transfer time and comes with remote management and analytical tools, to put you in control of your power source infrastructure.

iPower ATS has an easy-to-use HTML graphical interface, with the ability to set SNMP 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.

Technical Specification

Manufactured in accordance with BS EN IEC 62368-1:2020+A11:2020	
Input Voltage	220-240V 50/60Hz
Output Voltage	220-240V 50/60Hz
Input Current	16A or 32A
Output Current	16A or 32A
Protection	Overcurrent protection on outlets
Switching speed	>8mS <15ms L1 plus N Operating Temp: -10° to +45°C (Has internal temperature monitoring)
WEEE	Compliant
RoHS	Compliant
CE	Compliant
UKCA	Compliant



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