

Automatic Transfer Switch (ATS)

Intact's range of advanced automatic transfer panels offers automatic control of standby generating sets. The ATS panels are available from 40A – 4000A ratings. It includes Intelligent Controller, Voltage Transformer Module, Basic Transfer Switch, all the connection harness and indoor enclosure (outdoor type is optional). Our ATS intelligently switches to the alternate source and automatically or manually returns the load to the preferred source once it is sensed to be stable.

At the core of each system is a three/four pole changeover device. The 'Standard' range utilises electromechanical contactors whilst the 'Advanced' range uses two load break isolators.

Two distinct ranges are available to cover differing requirements:-

The 'Standard Range' provides all of the essential requirements for automatically providing a replacement power source. Facilities are provided to control the start of standby generators manually and to set the under-voltage values and the required time delay. Neon lights are provided to show the status of the supplies.

The 'Advanced Range' provides a more comprehensive control system where the user has an extensive set of variables under their control.

Features :

- High reliability
- Increase the power quality
- Automatic static switching
- Two mechanically/electronically interlocked four pole contactors.
- 'No volt' connection for generator start.
- Selector (Auto & Generator Run).
- Neon condition indicators.
- Sealing to IP65.
- Adjustable settings of voltage and time delay.
- Superior short circuit protection
- Protection against power supply faults
- Protection against overloads and load faults
- Redundant power mode
- Total control by microprocessor
- Advanced communications LCD display such as status, alarms, information.
- Easy static and mechanical transfer to input sources

Options:

- RS485,
- TCP/IP connection
- 2 serial ports

Applications:

- Industry
- Health Care
- Data Centre
- IT Server
- Home, School or Business

