

ELECTRICAL SYSTEMS

AUTOMATIC TRANSFER SWITCH (ATS)



GENERAL DESCRIPTION

Automatic Transfer Switch (ATS) by **Basiia Contracting** is a device that automatically transfers a power supply from its primary source to a backup source when it senses a failure or an outage in the primary source. When a failure occurs in the primary power system, the ATS invokes a standby power source such as an uninterruptable power supply. Additionally, ATS can start up more long-term backup power systems, such as local diesel generators to run the electric equipment until the utility power is restored. It is comprised of a free-standing enclosure, a bus bar system, MCCB's, metering, supporting equipments and appropriate current transformers. Panels are then assembled in a systematic manner such as incoming and outgoing section. Our main distribution boards are used to distribute and control the power supply in large buildings such as shopping malls, hospitals, universities, Factories, and hotels.

The Automatic Transfer Switch are generally installed after the main power source (eg. transformers or generators) and used to divide the power feed into subsidiary outgoing feeders. ATS function can be added as per customer requirements which can automatically transfers the power supply from its primary source to a backup source when it senses a failure or outage in the primary source. Our ATS make an essential part of any circuitry in your homes, offices or any other place. They serve an important purpose and cannot be ignored at any cost. One of the most important devices, they make sure that the current is properly distributed to all the devices allowing proper functioning. This also makes sure that none of the devices suffer from the effects of over currents or short circuits.



AUTOMATIC TRANSFER SWITCH (ATS) DESIGN

The options offered by **Basiia Contracting** Automatic Transfer Switch (ATS) are versatile enough to meet the needs of any construction site. The wall-mounted, free standing and modular cabinets meet the demands found in domestic, commercial and industrial buildings. The predominantly used material is sheet steel. Our Main Distribution Boards are designed for an easy assembling using 3 basic elements: back plate, sides and top and base panels or top panel and plinth. The vertical and horizontal combination of elements makes it possible to build “tailor made” enclosures for most requirements and customize projects. Thanks to slim packaging, storage and transport are optimized.



WHY CHOOSE BASIIA CONTRACTING AUTOMATIC TRANSFER SWITCH (ATS)?

- Rated Operational Voltage: Up to 690V
- 3-pole or 4-pole system as required
- Various combinations of load transfer by ACBs, MCCBs or Contactors
- Auto / Manual modes of operation
- Protection class up to IP 66 Suitable for both internal & external mounting (Weather Proof with Canopy)
- Adequate spacing for incoming and outgoing cables
- Custom design according to client requirements
- Maximum safety and reliability

