

# Info Sheet

## Automatic Transfer Switch (ATS)

*Seamless source switching for uninterrupted power.*

---

### 1. Overview

IPU SA's **Automatic Transfer Switches (ATS)** are engineered to ensure critical loads remain powered by instantly switching between power sources in the event of an outage. Whether transferring between utility and generator, generator and UPS, or between transformers, our ATS panels are built to operate with speed, safety, and system-wide integration. Designed to support mission-critical infrastructure, our ATS solutions use high-end controllers, robust safety interlocks, and compliance-grade switchgear to deliver maximum reliability.

---

### 2. Key Features

- Automatic, fast-switching operation between power sources
- Configurable for utility-generator, transformer-UPS, and hybrid topologies
- Built-in safety interlocks for operator and system protection
- Compatible with multiple power sources and generator types
- Microprocessor-based controller with event logging
- Test modes and manual override capability
- Optional bypass isolation and remote communication support

---

### 3. Applications

- Hospitals and healthcare facilities
- Data centers and telecom networks
- Government buildings and infrastructure
- Industrial plants and utilities
- Commercial facilities with backup generation

---

### 4. Integration Capabilities

- SCADA/PLC connectivity via Modbus or digital signals
- Generator ECU interface support
- Compatible with IPU SA synchronization, MCC, and load management systems
- Customizable for site-specific sequence of operation (SOO)

---

### 5. Certifications & Standards

- Compliant with **IEC 61439**, **IEC 60947**, and regional grid codes
- OEM controller integration (e.g., Schneider, ComAp, ABB)
- FAT-tested and delivery-ready