

Info Sheet

Isolation Panels

Clean, reliable power where it matters most.

1. Overview

IPU SA's **Isolation Power Panels** are purpose-built for sensitive environments like surgical suites, intensive care units, and diagnostic facilities. These systems provide **isolated, monitored electrical power** that protects both patients and staff from electrical hazards while maintaining uninterrupted operation during critical procedures.

Our Isolation Panels are designed in compliance with **IEC 60364-7-710** and Saudi healthcare infrastructure standards, with intelligent monitoring, alarms, and communication features integrated for facility-wide coordination.

2. Key Features

- Insulation monitoring devices for electrical shock protection
- Touchscreen or LED display for real-time system status
- Alarm and fault indication with diagnostic logging
- Communication interface to nurse stations and maintenance staff
- Optional remote monitoring capabilities
- Isolation fault locator function
- Fully enclosed, IP-rated cabinets for hospital-grade environments
- Designed for ease of installation and maintenance

3. Applications

- Operating rooms
- Intensive care units (ICUs)
- Imaging and diagnostic rooms
- Cath labs and specialized medical suites
- Emergency and trauma care zones

4. Integration Capabilities

- Interfaces with BMS and nurse call systems
- Supports digital/analog signals for alarms and monitoring
- Optional integration with SCADA or facility management platforms
- Modular design to support expansion or multi-room configurations

5. Certifications & Standards

- Fully compliant with **IEC 60364-7-710** and **IEC 61557-8**
- Designed to meet Ministry of Health (KSA) and hospital-grade project specs
- Built using medically approved OEM components
- FAT-tested with compliance documentation and support