

# Info Sheet

## Dry & Isolation Transformers

*Trusted transformation. Seamless integration.*

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### 1. Overview

IPU SA supplies **Dry-Type and Isolation Transformers** through a network of certified OEM partners — carefully selected based on each project's load profile, safety requirements, and environmental conditions. While not manufactured in-house, every transformer we supply is technically vetted and integrated as part of IPU SA's turnkey power systems. From step-up/down configurations to K-rated or medical-grade isolation units, we ensure every transformer meets local regulations and long-term operational demands.

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### 2. Key Features

- MV/LV step-up and step-down transformer configurations
  - K-rated transformers for non-linear load environments
  - Medical-grade isolation transformers for patient safety
  - Dry-type, air-cooled, or cast resin insulation
  - Compact design for indoor or outdoor installations
  - Enhanced thermal management and fire safety properties
  - Low maintenance, no oil required
  - Custom voltage ratings, winding materials, and tap settings available
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### 3. Applications

- Hospitals and healthcare facilities
  - Commercial and industrial buildings
  - Data centers and telecom rooms
  - Educational campuses and laboratories
  - Power distribution nodes and generator interfaces
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### 4. Integration Capabilities

- Sized and specified for integration into IPU SA LV/MV systems
  - Compatible with our switchgear, ATS, and MCC panels
  - Custom mounting and busbar interface provisions
  - Protection relay support for overcurrent, earth fault, and insulation monitoring
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### 5. Certifications & Standards

- OEM-supplied and compliant with **IEC 60076**, **IEC 61558**, and local grid codes
- Type-tested with inspection and test documentation
- Built to Ministry of Energy and utility provider specifications (KSA)
- Third-party certified for fire safety and efficiency (where required)