PAI KANE™
GROUP
Touching Lives



PAI KANE TRANSFORMERS.

Advanced transformer solutions engineered to deliver efficient, reliable distribution, and lasting performance across critical energy applications.

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RELIABLE | EFFICIENT | SUSTAINABLE

TRANSFORMERS

Reliable oil-cooled transformers engineered for efficient power distribution across renewable, industrial, and microgrid applications.

Supplied in Europe



TECHNICAL RANGE

Rating	100kVA to 5000kVA
Voltage Class	Up to 33 kV
Cooling	Oil
Construction	Conventional / Hermetically Sealed

Complete Range of Oil Cooled Transformers:

- Inverter Duty
- Solar/ Wind Application
- Radiator /Hermetically Sealed Construction
- Isolation

GLOBAL DELIVERY

OTHERS COMPANIES DELIVER IN 6 MONTHS » PAI KANE DELIVER IN 2 MONTHS

OUR SPEED BUILDS YOUR SUCCESS

KEY FEATURES

- Oil Cooled Construction
- Radiator / Hermetically Sealed
- Copper / Aluminium Windings

KEY APPLICATIONS

- Inverter Duty
- Solar / Wind Applications
- Distribution Systems
- Microgrid Applications

MICROGRID-READY ENGINEERING

We design transformers that support the full microgrid lifecycle:

- **Solar PV Integration**- Low-loss step-up transformers maximize renewable output.
- **Battery Energy Storage-** Bi-directional design handles dynamic PCS behavior.
- **Diesel Hybrid Support-** Transformers are robust enough for transient loads & sync operations.
- **Distribution Backbone-** CSS + MV/LV transformers enable reliable microgrid distribution.
- **Future-Ready Supports-** smart sensors, IoT monitoring, RMS/SCADA compatibility.

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COMPACT SUBSTATION (CSS)

Engineered for reliable, efficient, and seamless power distribution across modern energy and microgrid applications.

Supplied in Europe



PRODUCT SPECIFICATIONS

Power	1000 kVA
Dimensions	6.1 × 2.4 × 2.6 meter (Standard 20ft ISO container)
Weight	8000 kgs
Transformer Section	1000 kVA, 15.0/8.8 kV, Copper, 50 Hz, Dyn11, Oil cooled, hermetically sealed with OCTC as per ECO Tier 2
LV Section	230V & 800V LV panels
MV Section	24kV/36kv RMU
Primary Voltage	15000V/30000V
Secondary Voltage	800V
Applicable Standard	Ecodesign Directive 2009/125/EC
Certifications	CE certified by CEIPROM® S.A.

STANDARDS AND COMPLIANCES

IS / IEC

EU ECO

ISO 9001:2015 QMS

BIS Certified

In-house Fully Equipped Test Lab

PAI KANE GROUP

Your Trusted Source for Integrated Power Solutions

Pai Kane Group: The Denitive Single Source for Global Microgrid Solutions.A leading global manufacturer and innovator with a footprint in over 86 countries, Pai Kane Group provides the foundation for the new decentralized energy landscape.

We are the true single source for high-quality, turnkey microgrid solutions, eliminating supplychain complexity by manufacturing all core electrical components in-house: robust Diesel Generator Sets, Transformers, and Switchboards. We engineer the complete ecosystem, integrating these assets with BESS and intelligent EMS, all backed by comprehensive services designed to maximize equipment life. Partner with a global powerhouse to build an efficient, resilient, and sustainable power future.

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POWERING WHAT'S NEXT

Engineered to Perform. Built to Endure.

From dependable power infrastructure to evolving energy systems, Pai Kane combines engineering expertise, manufacturing capability, and long-term support to deliver solutions built for real-world demands.

Let's Build a More Reliable Power Future.

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