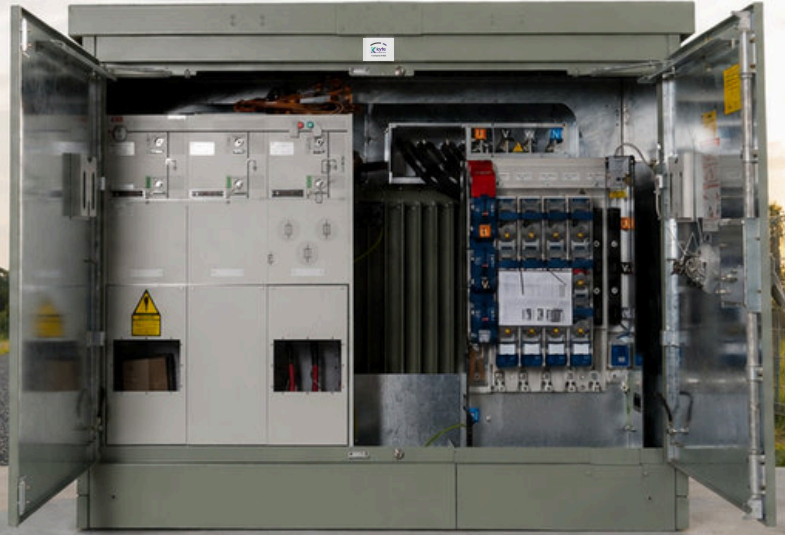


Package Substations

Integrated Distribution Solutions for Modern Power Networks

Simplifying Contestable Connections and Power Distribution



Kyte Powertech package substations combine a fluid-filled distribution transformer, medium-voltage ring main unit, and low-voltage distribution cabinet into a single, coordinated solution.

Kyte Powertech has developed extensive expertise through long-standing collaboration with Distribution Network Operators (DNOs), IDNOs, and major industrial customers, delivering distribution transformer solutions across a wide range of applications.

As contestable connections and distributed infrastructure projects continue to grow, customers increasingly require integrated, single-source solutions that reduce project coordination complexity, simplify installation, and accelerate energisation timelines.

Kyte Powertech's package substations combine market-proven technologies into one fully supported solution engineered for modern power distribution networks.

Key Benefits



Preassembled for rapid installation
Reduces on-site installation time & simplifies deployment



One point of contact
Single source coordination for equipment, support and delivery



Reduced Lead Times
UK stock availability supports faster project delivery



Integrated, Market-Proven Solution
Three coordinated technologies delivered as one complete package



Technical Expertise & Support
Backed by extensive DNO and industrial application experience



Approved & Fully Warranted
Designed in line with G81 recommendations and fully ENA assessed

Ideal Applications

Renewable Energy
Wind farms, battery, PV solar developments



Contestable Connections & IDNO Networks
Efficient solutions for modern network expansion



Critical Infrastructure
Data centres, hospitals, airports, water authorities



Commercial & Industrial
Educational institutions, commercial buildings



Included in a Kyte Powertech Package Substation

Distribution Transformer



Designed for efficient, low-maintenance operation across a wide range of applications.

Key Features

- Typical ratings: 315, 500, 800, 1500 and 2000 kVA
- Higher ratings available on request
- Low-noise design for sensitive environments
- High-efficiency core design with reduced losses
- Hermetically sealed and free-breathing options available
- Mineral oil, natural ester and high fire-point fluid options (Midel, Silicone, FR3)
- Compact, virtually maintenance-free construction
- Compliant with ENATS 35-1 and EU Eco Loss Directive 2021

Low Voltage Distribution Cabinet



Integrated transformer-mounted low-voltage distribution designed for operational flexibility and safety.

Key Features

- 4, 5 and 6 outgoing fuse ways with 630A rating
- Shielded fuse handle design
- Independent load make/load break transformer switch isolation for all three phases
- Provision for standby generation connections
- Indoor and outdoor IP-rated options available
- Transformer-mounted MCCB and ACB cabinets available on request

Ring Main Unit (RMU)



Safe, reliable medium-voltage switching with proven operational performance.

Key Features

- Vacuum circuit breaker and clean-break technology
- Low maintenance requirements with enhanced operator safety
- 12kV rated with 630A ring switches
- T-off circuit breaker variants available
- TLF (Time Limit Fuse) or self-powered relay protection options
- Fully interlocked ENATS-compliant switching with padlocking provision for safe operation

A Complete, Coordinated Distribution Solution

Kyte Powertech package substations simplify procurement, installation, and network integration through a fully supported single-source approach.

**Faster Installation
Reduced Complexity
Proven Reliability**

 Dublin Rd, Cavan, H12 KV20, Ireland

 +353 494331588

 www.kytepowertech.com



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