CG Power Systems Ireland Ltd
History

CG Power Systems Ireland Ltd (formerly Pauwels) has been manufacturing distribution transformers at its 50,000m² facility in Cavan since 1977. CG Ireland was first established to manufacture small distribution transformers, however over the years through major expansion and investment has evolved into a full line distribution transformer manufacturer. CG Power Systems Ireland Ltd has the capability to manufacture up to 16,000 transformers per annum covering the range from 15kVA single phase up to 5000kVA three phase.

A Proven Record

CG Power Systems Ireland Ltd supplies products to all the major markets in Europe, The Middle East and Africa with a key focus on its home markets of Ireland and the United Kingdom. CG Ireland covers a broad spectrum of sectors in the energy market:

- Utilities
- Renewables (Solar, Wind and Biomass)
- Industrial
- EPC Contractors
- Nuclear
- Oil & Gas
Certification

CG Power Systems Ireland Ltd understands that clients expect high standards from their suppliers and are at the forefront of achieving and maintaining these standards.

> ISO 9001 -2008 (Quality)
> ISO 14001 (Environmental)
> OHSAS 18001 (Health & Safety)
> Achilles (UVDB & Verify) – Rated in the top 5% of Achilles suppliers
> ISO 17025 (Test Laboratory)

As the test laboratory in CG Ireland is certified under ISO 17025 it means that a full range of Type Testing can be carried out in house as well as standard tests.

What makes the difference

CG Power Systems Ireland Ltd prides itself on its performance particularly in its main local markets of Ireland and the United Kingdom. CG Ireland maintains this high level of performance by following its QDCCC model.

> QUALITY
> DELIVERY
> COMMITMENT
> COST
> COMMUNICATION

It is by following this model CG Power Systems Ireland Ltd has built up strong relationships with its customer base and a reputation as a top class supplier. Being part of global organisation helps CG Power Systems Ireland Ltd to procure cost affective raw materials from multiple sources also ensuring security of supply. CG Power Systems Ireland Ltd has a high level of control over its supply chain due to the fact it does most of its manufacturing in house, has its own on site design engineers and logistics teams, and its own on site metal fabrication facility. This gives CG Power Systems Ireland Ltd greater flexibility and this is a huge advantage to be able to meet constantly changing market demands whilst maintaining its high standards.
Product range

CG Power Systems Ireland Ltd product range of liquid filled transformers is as follows:

> Single Phase Distribution Transformers 15kVA to 200kVA up to 36kV
> Three Phase Distribution Transformers 25kVA to 5000kVA up to 72kV
> Mini, Micro & PRCS self-protected package substations up to 315kVA
> Unit Substations with or without protection up to 1000kVA
> Package Substations complete with MV & LV protection up to 3500kVA
> Interface Transformers up to 5000kVA
> Auto Transformers up to 5000kVA
> Rectifier Transformers
> House Transformers up to 40kV
> Solar Application Transformers
> SLIM® Transformers
> Amorphous Transformers

Cooling Liquids that can be used:
> Mineral Oil, Silicon Oil, Synthetic Esther and Natural Ester

Core Materials:
> Standards or High Grade Magnetic Steel, Amorphous

Insulation Materials:
> Cellulose, Nomex®

All transformers are manufactured to international standards and can be custom designed to meet specific customer needs.

Innovation & technology

> State-of-the-art transformer design technology
> Continuously developing and sourcing that latest innovations in distribution transformer technologies
> In-house calculation program developed by experienced engineering staff
> 3D design technology for optimum mechanical documentation and product simulation
> Latest testing facilities for routine and type testing of transformers and components
> Rigorous staff training programmes to keep up to date with the latest processes and technologies
> Design of processes using the latest Lean Six Sigma Methodology & Approach
Rooted in a global engineering group

CG Power Systems Ireland Ltd is part of the larger CG group, one of the world’s leading energy solutions providers. CG provides end-to-end solutions that help customers use electrical power effectively and increase industrial productivity in a sustainable manner. The group has manufacturing bases all over the globe and employs more than 15,000 employees worldwide.

CG has over 75 years of experience in the engineering and manufacturing of cost-efficient electrical equipment such as transformers, switchgear, motors, drives and personal electrical appliances. The group is renowned for its innovative, high-quality, reliable products and turnkey solutions for a wide range of power applications.

CG has been aggressively investing in R&D, product certifications, product quality, ISO, productivity enhancement and operational excellence. The company’s R&D strategy aligns with its global vision, which focuses on creating platform technologies, shrinking product development cycle time and enhancing the Intellectual Property Capital of the company.

Did you know?

CG is amongst the top 10 transformer manufacturers in the world, and one of the very few companies worldwide that designs and manufactures such a wide and diverse range of Power and Distribution Transformers as well as Reactors from 160kVA to 600MVA, and 11kV to 765kV Class, conforming to IEC, ANSI, IS, BS and other International Standards.
More about our offerings

Questions?
Get in touch with our qualified and experienced sales team.

CG Power Systems Ireland Ltd
Dublin Road
Cavan
Ireland
T +353 49 4368060

Ireland@cgglobal.com - www.cgglobal.ie