

Excelsys Technologies

next generation power source

Company Profile

Lower Profile

Higher Efficiency

Faster Time to Market



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Excelsys

Excelsys Technologies is the leading designer and manufacturer of high efficiency, low profile power supplies for a variety of specialist markets including Industrial, Automation, Medical, Communications and Military.

Headquartered in Cork, Ireland, Excelsys is creating a new standard in world class customer service through the application of principles of excellence in channel partnership, customer service, product quality, manufacturing efficiency and the innovative use of new technology.

Combining the latest technology, management methods and total customer service philosophy with a 20 year tradition of reliable and innovative switch mode power supply design, manufacture and sales, Excelsys offers total customer satisfaction offering a superior price:performance ratio to our customers.

Where advice, support and high quality power solutions are needed, Excelsys excels!

Excelsys: Technology Teamwork

Excelsys provides a dynamic and motivating work environment where staff members are encouraged to achieve their full potential through continuous training towards personal and professional development and through full participation all aspects of providing world class customer solutions. Excelsys's philosophy is to encourage a teamwork ethos where team results and individual effort are fully rewarded.

Excelsys: Engineering, Manufacturing, Quality

Excelsys products are designed in Cork, in a team based environment. Our design process includes Design for Manufacturing (DFM) audits and reviews. We make extensive use of DVT (Design Verification Test) and HALT (Highly Accelerated Life Test) techniques in our design process to ensure the quality of the design for the application. We currently design and ship product listed to EN60950, UL1950, IEC950, CSA22.2#234, EN50081-1, EN50082-1, EN61000-3-2, BABT, UL among other specifications.

Excelsys: Markets and Applications

Excelsys Technologies provides superior power supply solutions to a wide variety of high end engineering applications where there can be no compromise in reliability and performance,

Industrial

Industrial Lasers
Wafer Fabrication
Optical Inspection
Printing



Medical

Clinical Diagnostics
Medical Lasers
Imaging Equipment
Dialysis Equipment

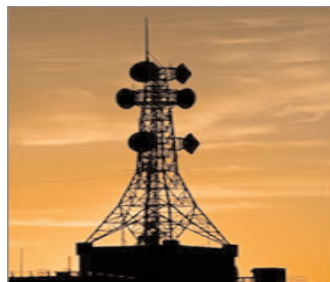


Our expert sales and applications team work closely with our customers engineers teams to provide rapid design-in and applications support easing system integration.

Whatever the application, there is an excelsys power supply to meet the requirements.

Communications

Base Stations
Data Communications
Wireless Telephony
Bulk Power Systems



Military

Radar Systems
Test and Measurement
Data Communications
Mobile Systems



**Excelsys:
Excellence**

HIGHER EFFICIENCY **90%**

Excelsys focus on providing products with industry-unrivalled efficiencies, exceeding 90% !! This means that less than half of the amount of waste heat is created in comparison to conventional multiple output power sources with efficiencies of 80% and lower.

LOWER PROFILE **1U**

Excelsys products boast industry-unrivalled power density for a full functionality ac/dc power supply, at 16W/in³. You can get 1340W of multiple-output power source in 1U rack space - 40.4mm! It's so compact, you'll hardly notice it, once installed, and it leaves plenty more space for your other components and general accessibility.

FASTER TIME-TO-MARKET **Samples Ex Stock**

Excelsys provide the ONLY Plug & Play multiple-output power supply. Any one of more than 30 million configurations can be assembled anywhere, in under 5 minutes, from standard, volume-produced modules. This is the new-paradigm: a custom power supply available in 5 minutes from standard parts.

SAFETY APPROVALS 

Xgen series models are fully compliant with all relevant standards. Xcite, Xlite, Xhite, Xqite and Xkite models meet the requirements of EN60950, UL60950, CSA22.2, EN61000-3-x and EN61000-4-x. Additionally Xvite and Xmite, Xrite and Xzite models meet the requirements of EN60601-1 and UL2601 for medical applications.

MANUFACTURING QUALITY 

All our products are manufactured in ISO9000 certified facilities in Europe and the Far East. We employ best practices in manufacturing technology including, In Circuit Testing, 100% test and ESS (Environmental Stress Screening).

ENVIRONMENTAL 

Understanding and contributing to an improved environment is a important driver for Excelsys Technologies, Excelsys is committed to providing the highest efficiency power supplies to help reduce energy consumption. Furthermore, all our products are RoHS compliant. For more information, contact Excelsys Technologies.

Excelsys Development and Design Methodology
Excelsys has applied the most modern and rigorous processes and design techniques to development of the Xgen product range.



A world-class Stage-Gate™ development process ensures that a holistic approach to development and design is guaranteed, with optimised outcomes built in from the start in respect of customer needs, manufacturing, support and logistics. The Stage-Gate™ process provides the framework for efficient and effective teamwork within Excelsys as well as between Excelsys and its design partners.

The development-specific processes are supplemented by the company-wide process requirements of ISO9001:2000, in particular in the ISO9001:2000 designated area of 'Product Realisation'.

Excelsys was an early adopter of and is fully approved to this latest, upgraded ISO9001:2000 standard.

As well as design laboratory testing, Excelsys has applied exhaustive HALT testing and field prototype testing to development of Xgen. Highly Accelerated Life Testing ensures that design margins are more than sufficient to provide insensitivity to manufacturing variability and to maximise field reliability.

