



Power Solutions

Low-power & electromechanical solutions

Expertly engineered. Fully integrated. Delivered with precision.

With over 50 years of experience, our Power Supply Technology Centre delivers both standard and custom power supply solutions up to 1000W.

Whether you need off-the-shelf products or complex bespoke systems, our engineers will support you – from initial consultation to design, testing, and delivery. We partner with trusted, leading manufacturers and ensure every solution is efficient, cost-effective, and built to spec.

Supporting key industries including:



Industrial



Medical



Railway



LED Lighting



Defense



Renewable Energy

Why choose us for innovative low-power solutions?

- **Tailored engineering support** our experienced team develop the right-fit solution for your project
- **Advanced in-house facilities** for thermal, EMC and compliance testing
- **Reliable, scalable delivery** EU logistics hub for fast delivery across Europe
- **Free benchmarking & technical consultation**

Our capabilities at a glance

- **Custom & standard AC/DC, DC/DC, DC/AC converters** including the latest GaN/SiC technology
- **Multi-voltage & high-power custom builds**
- **All designs and housing types** – 3D mechanical design using SolidWorks
- **Electromechanical solutions** from one source, including cables, fans, and connector systems
- **Proprietary DC/DC R-Series** with stable supply chain

Your partner for low-power applications

From consultation to delivery, we ensure every solution meets your technical and commercial needs.

Talk to our power experts today.
acalbfi.com/contact-us/



Featured low-power products



Wall & desktop adapters

5 – 500 W

- For IoT, industrial, and medical devices
- Also available in high-efficiency GaN technology



CFM-series AC/DC – PCB mount

4 – 1000 W

- Open board, pin-style and IP68 options
- Ideal for Smart Building and IoT applications



LED drivers

10 – 600 W

- DALI & analogue dimming technology
- For intelligent lighting systems and infrastructure



LFM / CFM-series

10 – 1200 W

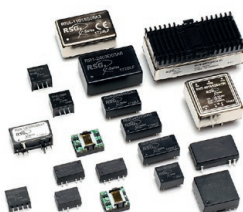
- Baseplate-cooled, fanless designs
- Wide voltage range
- Industry and medical certifications



μMP-series

600 – 1800 W

- Modular and configurable
- Ultra-quiet operation
- Suited for industrial and medical environments



R-Series – DC/DC converters

0.5 – 250 W

- Reliable, long-term availability
- Wide range of configurations

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