



The Association of British Dispensing Opticians (ABDO) Centre of excellence. Contacted Power Saver Limited to provide a standby power protection solution for business continuity.

The Association of British Dispensing Opticians (ABDO) is the professional body for dispensing opticians – working for dispensing opticians and advancing the profession in the UK and worldwide. ABDO recognised the importance of ensuring a high standard of education for professionals in the optical industry.

In 2001 the Association of British Dispensing Opticians (ABDO) established their own college to provide comprehensive training and education for dispensing opticians, ABDO College has been a key player in shaping the future of eye care professionals since its inception.

ABDO College offers a range of courses and programs designed to equip students with the necessary skills and knowledge to excel in the field of optical dispensing. The curriculum covers various aspects of optometry, including lens design, frame selection, visual optics, and business management.



“The generator has proved its worth time and time again meaning that our college has managed to stay functional during times of outage. Without this we would have needed to send students home on multiple occasions, causing upheaval to our teaching and timetables. Power-Saver carried out the installation and ongoing maintenance/ servicing, with total professionalism and a smile.”

**Justin Hall Building & Bookshop Administrator /
ABDO College**

One of the strengths of ABDO College lies in its faculty of experienced professionals who bring real-world expertise to the classroom. The faculty comprises practicing dispensing opticians, optometrists, and industry experts, ensuring that students receive up-to-date knowledge and insights into the evolving field of optical care.

To facilitate hands-on learning experiences, ABDO College is equipped with state-of-the-art facilities. From cutting-edge laboratories for practical training to modern classrooms with multimedia capabilities, the college provides a conducive environment for students to develop both theoretical knowledge and practical skills.

The home of ABDO College is Godmersham Park, although beautiful with its rural location and treed surroundings it was experiencing power issues due to overhead cables.

Power Saver, after a detailed survey provided a solution which contained both a Riello Sentryum 10kVA UPS and a Aksa APD88P 88kVA Generator along with a high-level scope of works.

To facilitate a feed to both the battery charger and water jacket heater within the new generator, an allowance was made in the new changeover panel to provide 2 x 230V feeds, a further 2 x signal cable were installed, a multicore for the start signal and a CAT5 for the Comms.



A feed was run from the existing mains supply to a new 400A rated changeover panel (supply I) using flexible cables supported on containment within the basement plant room. From the Generator, a feed was run to the changeover panel (supply II) using suitably rated SWA cable complete with a separate corresponding circuit protective conductor.

A feed was taken from the existing bus chamber to the new Maintenance Bypass Switch (EMBS) to feed and take a supply to the new UPS System. From the bypass panel, a new Critical Output was taken to the existing PDU which feeds the control panel.

Power Saver Limited specialise in creating the best fit, bespoke standby power solutions for our existing customers and new, from small installations to large projects.