

POSITIVE PROBLEM SOLVING **+** **=**

MAINTAINING A FAST AND FLEXIBLE SUPPLY CHAIN ALLOWS INTERTEK TO CONTINUALLY SET NEW QUALITY STANDARDS IN TESTING.

Intertek Transportation Technologies offer Europe's most technologically advanced commercially available driveline test facilities. Its Milton Keynes laboratory has 28 individual test cells.

Key to Intertek's offering is their Total Quality Assurance (TQA) proposition. This service provides an integrated and systematic approach to ensure both customers and suppliers have an effective and sound quality system in place.

The company maintains a highly trusted and adaptive supply chain. Intertek ensure their excellence by carefully handpicking partners which closely align with their core values.

So when one of their customers had an urgent test requirement, Intertek already had the resources and knowhow in place to deliver.

ETPS were able to provide two bidirectional power systems within 24 hours of Intertek being notified. A speedy delivery and commissioning meant they could start testing right away.

Dave Meek, Engineering Director at Intertek's UK powertrain lab, said "ETPS were both flexible and responsive, which enabled us to exceed our customer's expectations".

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CASE STUDY

INTERTEK TRANSPORTATION TECHNOLOGIES

TOTAL PEACE OF MIND

Dave Meek also added "It is vital to have flexible suppliers like ETPS within the industry. Engineering challenges often crop up overnight which need solving immediately. Having them in our supply chain allows us to remain fast and flexible, helping deliver total peace of mind to our customers".

An engineer from ETPS provided onsite commissioning of the LAB-GSS modules and training. This ensured that Intertek's engineers had in-depth product knowledge to maintain their exceptional quality standards.

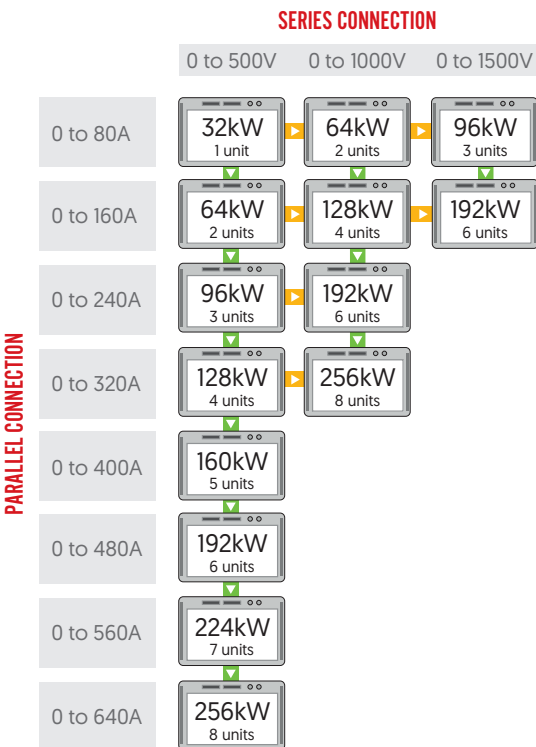
Being a UK-based company allows ETPS to quickly respond to requirements. ETPS's Midlands location makes most of the country's major cities accessible in just a few hours drive.

Intertek's Total Quality Assurance process goes beyond just sourcing the best suppliers. It accelerates time-to-market, improves product quality and reduces overall cost for their customer base.

The company have always been a pioneer, anticipating the needs of its clients with bold innovations. This allows them to own and shape their own future.

All of their Milton Keynes' test cells are fully accredited by the UK's Vehicle Certification Agency (VCA) for conducting European ECE Regulation 85 (engine power) approval tests. The entire site is covered by ISO9001 certification.

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ABOUT THE LAB-GSS

The LAB-GSS operates as either a DC source or a DC electronic load. The units regenerate any excess DC energy back to the grid when operating in load mode. This saves costs when compared to traditional heat dissipative loads.

Up to 64 LAB-GSS modules can be arranged in series, parallel or matrix configurations. Each module can operate independently, allowing systems to be reconfigured, expanded or broken up as needs dictate. The diagram shows all the possible combinations with eight 500V modules.

ETPS keep several different LAB-GSS modules in their rental stock. These cover applications from 12V to 1000V.

This allows ETPS to respond quickly to urgent requirements. Typically most programmable power equipment is built to order, which can often take months to deliver.

Every module has an extensive feature set which includes programmable PID parameters and inbuilt eight channel recording scope. An RS232 and isolated analogue interface is provided as standard. Optional interfaces include CAN which is often used in automotive applications.

Adjustable power and resistance limits make the units ideal for all purpose power research. An optional embedded function generator allows virtually any DC waveform to be created, such as a cranking curve from a cold start.

The module hardware is complimented by application software. Specific tests can be performed including battery cycling, electric drive testing, battery emulation as well as capacitor emulation and testing.

If you'd like to discuss how the LAB-GSS could accelerate your testing, then please contact ETPS today.