

Electric Propulsion & Energy Storage Services

for Automotive, Transportation & Utilities

We're There.



dtb.com

Technical Publications & Logistics Services

Dayton T. Brown, Inc. (DTB) develops technical manuals for all facets of the automotive, transportation, and utilities market segments. Regardless of the size or complexity of your vehicle or equipment, DTB's team of documentation experts will analyze your requirements, assimilate and analyze all the source data, and develop technical manuals that complement the maintenance and performance for servicing your electric or hybrid propulsion vehicles and energy storage systems.

Technical Documentation & Information Data Services

- Operator Guides
- Installation Manuals
- Illustrated Parts
- Wiring Diagram Manuals
- Fault Isolation & Troubleshooting Manuals
- Repair Manuals
- Training, Safety, & System Documentation
- FMECA & Reliability
- Interactive Electronic Technical Manuals/Publications (IETM/IETP)



Bringing batteries to the military and commercial markets with DTB testing and technical publications



Battery Testing

We offer testing of battery products for use in transportation and energy. Through electrical, mechanical, and environmental testing, we can use batteries to simulate conditions based on your specifications. Lithium-ion (Li-ion) batteries offer several advantages over conventional types; however, it's important to test and validate these batteries and powered devices to mitigate risks.

As the transportation market segment shifts to electric or hybrid propulsion, testing services also must shift to meet government compliance criteria and address new technologies. We provide a wide range of battery testing services to support the changing landscape. We test to industry standards for our diverse client base.

Comprehensive Battery Testing for:

- Battery Packs
- Chargers
- Electric & Hybrid Vehicles
- Primary Battery Systems (Alkaline, Lithium)
- Service Disconnects
- Super Capacitors
- Wire Harnesses
- Uninterruptible Power Supplies



Immersive Saltwater Testing

Engineering & Testing Services

We have extensive test facilities complemented by a team of experienced electric propulsion and storage test engineers and support staff while providing 24/7 operations. We keep your programs on schedule and within budget. We can design custom test plans, chambers, and fixtures to simulate a range of conditions.

Testing disciplines include:

- Engineering & Analysis
- Electromagnetic
- Environmental Simulations
- Dynamics & Vibration



EMI/EMC Battery System Testing



DTB works with various electric propulsion and energy storage suppliers within the automotive, transportation, and utilities market segments. A growing market, DTB supports the objectives for emissions and sustainability adopted to achieve carbon neutrality by 2050. Helping to achieve these goals is significant. DTB supports the industry, applying resources to help with technical data definition and product test and certification.

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