

Based in Ann Arbor, MI with 60 team members and growing, Adaptive Materials, Inc. (AMI) is the leader in the development of portable power (25W-250W) made from solid oxide fuel cell technology. Leveraging its patented single-step process to manufacture micro-tubular fuel cells, AMI is the first company to develop, demonstrate and deliver a portable, affordable, and fuel flexible solid oxide fuel cell (SOFC) system.

Vision

While others speak of what could be, we're busy designing and manufacturing. While others speak of future answers, we're providing solutions today. Our team understands that innovation is nothing if it cannot solve your challenge. The result has been a prudent, practical approach that never over promises, but always delivers.

Benefits of our Fuel Cells

- ◆ Powered by globally-available, inexpensive propane.
- ◆ Longer run time – up to 10 times longer than a battery.
- ◆ No toxic disposal issues.
- ◆ Instant refueling from readily available fuels.
- ◆ Hydrogen not required.
- ◆ Convert fuel directly into electrical energy.

Applications of Fuel Cells

- ◆ Fuel cells deliver quiet, clean, portable power for ground sensors, unmanned aerial vehicles, and robots.
- ◆ Drive further, fly further, sit and sense longer with fuel cell-powered unmanned vehicles.
- ◆ Fuel cell technology produces the energy you need to power ruggedized laptops, remote monitoring equipment, and recharge your electronic devices.
- ◆ Ideal for going off grid in your recreational vehicle and taking a reliable, proven power source with you.
- ◆ Rugged, reliable and cost effective for powering critical resources in emergency and disaster scenarios.
- ◆ Excellent use for military personnel, first responders, and recreational activities.

Current Customer Listing

- ◆ Air Force Research Laboratory (AFRL)
- ◆ Communications-Electronics Research, Development, and Engineering Center (CERDEC)
- ◆ NASA
- ◆ Naval Surface Warfare Center (NSWC) Crane Division
- ◆ Tank Automotive Research, Development and Engineering Center (TARDEC)
- ◆ U.S. Special Operations Command (SOCOM)

Professional Relationships

- ◆ Association for Unmanned Vehicle Systems International (AUVSI)
- ◆ Association of the United States Army (AUSA)
- ◆ Certified Michigan Woman-Owned Business (WOSB)
- ◆ Institute of Electrical and Electronics Engineers (IEEE)
- ◆ National Defense Industrial Association (NDIA)
- ◆ Robotics Technology Consortium (RTC)
- ◆ Women in Defense (WID)

