

---

## Introduction to Model 3

---

DMFC produces fuel cells that serve as range extenders for two main categories of batteries: for materials-handling vehicles like Class III forklifts and for wireless base stations. DMFC products can extend battery range, reduce costs, improve efficiency, increase safety, and reduce greenhouse gas emissions.

The Model 3 is a liquid fuel cell that operates as an on-board battery charger for a wide variety of Class III vehicles in the materials-handling industry. The Model 3 keeps the vehicle battery at a high state of charge, eliminating the need for battery swapping and rapid charging, thus increasing productive time. Refueling infrastructure takes little space and is inexpensive and safe because the fuel is a common industrial liquid, methanol, which reduces CO<sub>2</sub> emissions by 30 to 60 percent.

With improved productivity, increased performance, reduced operating costs, and a clean and safe fueling solution, DMFC Model 3 typically offers return on investment in less than 24 months while providing full grid independence.

