



EFC

MODEL 3

The Power of Green Hydrogen
Exclusively for freight trains

Eliminating 100% of CO₂ emissions

Specifications



EFC MODEL 3

Power	4000kw produced by fuel cells	Weight	Fuel Cells: 10000 pounds H2 tanks: 8000 pounds Ancillary: not included
Power Equivalency	6000 gallons diesel fuel/5000 hp diesel engine operating at 80% load	Maximum Operating Temperature	80 C
Fuel Cell Size	100 fuel cells, 3 ft x 2.5 ft x 2 ft, 1,500 cu ft	Emissions	Zero CO2 emissions
H2 Tanks	3500 ft3 at 10,000 psi, Ancillary equipment not included	Maintenance	180 day maintenance schedule. Maintenance procedures provided
		Warranty	3 years. Expected Fuel Cell Life: Up to 10 years

All specifications are subject to change at any time without notice



EFC MODEL 3

EFC Model 3 completes the migration of an entire locomotive inventory over a period of years to 100% Hydrogen. The product is a full replacement of the diesel power plant by a fuel cell stack.

The EFC unit itself is used to mass produce Hydrogen to fuel the locomotive. Because of the quantities involved, this mass production of Hydrogen is completed at a central location, not on board the train as with Models 1 and 2.

Model 3 offers all of the exceptional advantages of a 100% hydrogen locomotive including the complete elimination of all carbon emissions, higher utilization rates, and the permanent elimination of all carbon emission regulations. Model 3 deliveries will be offered starting in 2025.

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