



FCe™ 150 Fuel Cell Engine

The Leading Fuel Cell System for Commercial Vehicles

Integrated & Purposed-built for MD/HD vehicles shock & vibration environment

The 150kW fuel cell engine is purposed-built for heavy-duty fuel cell vehicles. The fast power transient capabilities make this electric engine ideal for transit, articulated buses, streetcars, light rail, drayage and Specialty vehicles, Logistics equipment and off-road applications. The industry leading durability of over 20,000 hours ensures years of clean

Performance Characteristics

● Electrical

Idle power	7.5 to 10 kW
Continuous Power‡	130 kW
Peak power	150 kW

● Efficiency

System Efficiency†	54 to 46% (10% to full power)
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● Temperature

Operating	-40 to 50°C
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● Fuel

Fuel Flow	0.8 to 9.6 kg/hr. (10% to full power)
Fuel Pressure	1200 ±300 kPa _g
Fuel Type	SAE J2719 Hydrogen

● Cooling

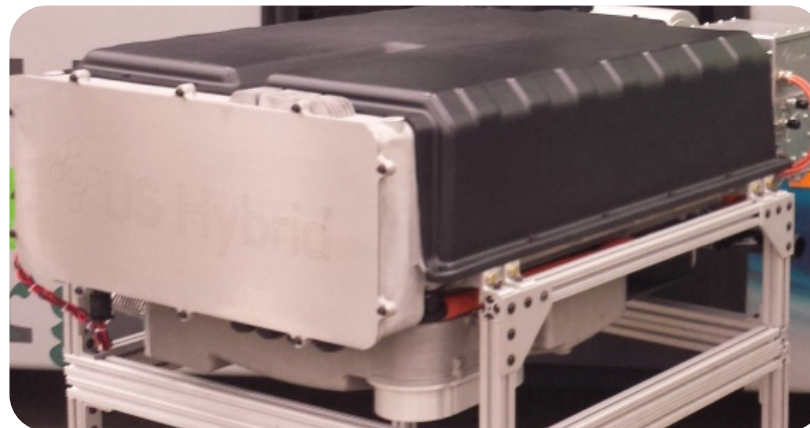
Cooling	59 to 72°C (50/50 WEG)
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● Physical Characteristics

Dimensions (L x W x H)	1465 x 890 x 506 mm
Weight	474 kg

● Interface

Vehicle Communications	CAN SAE J1939
Startup Time	30 seconds
Shutdown Time	10 seconds



US Hybrid



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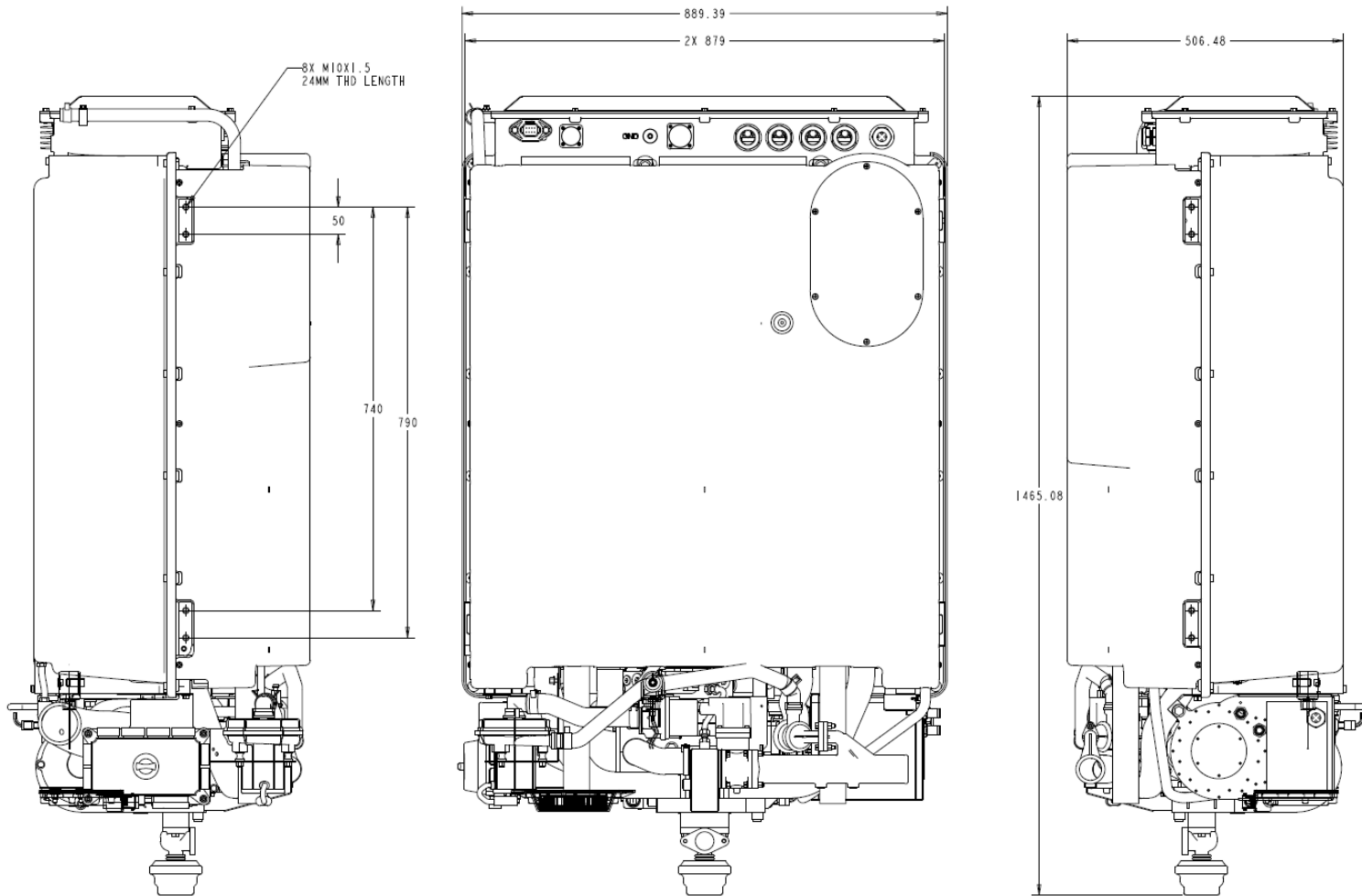


● Performance Notes

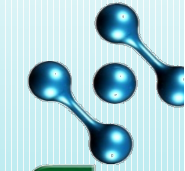
† System efficiency represents energy delivered per energy fed in the form of hydrogen (calculated on a LHV basis).

‡ Full power is the maximum power the electric engine can continuously deliver.

** This electric engine is equipped with freezing package option.



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