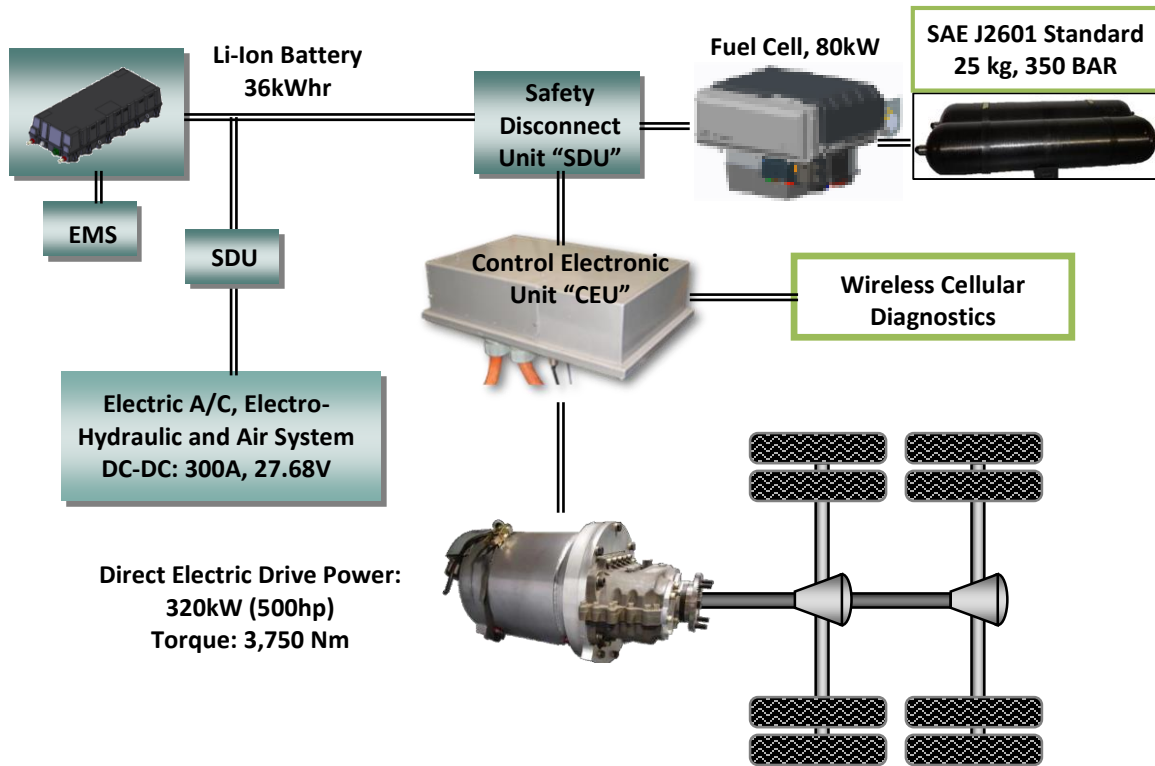


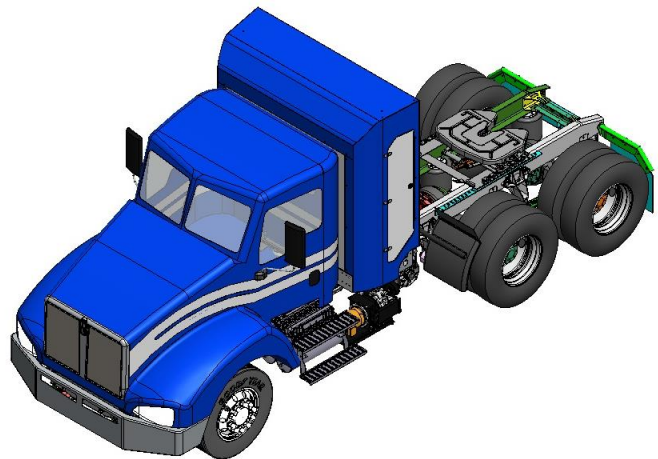
In-Development
Not Released



H₂Truck™



Fuel Cell Electric Class-8 Truck Powertrain System Configuration



Drayage Class 8 Truck Specifications	
GCWR	80,000lbs
Wheel Base	189" Minimum
OEM Manufacturer and Model	International, ProStar Day Cab
Front Axle Rating	13,200lbs
Rear Axle Rating	40,000lbs Tandem
Suspension	Air
Truck Performance	
Range H2 and Battery	320km/200 miles
Range Battery Electric	24km/15 miles
Top Speed	97 KPH/60 MPH
Acceleration 0-40 MPH	10 sec
Fuel Cell System Specifications	
Fuel Cell Supplier	US FuelCell PC80™
Model and Type	FCe80™, PEM Fuel Cell
Fuel Cell Voltage, Current, and Power	140-300, 600A, 80kW
DC-DC Converter	80kW rated, Integrated
Hydrogen Storage System Specifications	
Weight of Storage Tanks	367kg/809lbs
Storage Capacity	>25kg of H ₂
Max Pressure- Min Pressure	350 BAR/5076 PSI - 13.8 BAR/200 PSI
Fueling Time(Hi-Flow)	10 minutes
Fill Receptacle (Nozzle)	C1-85040 TN1 H35 Receptacle, WEH Technologies
Energy Storage Specifications	
Battery Type	Li-Ion
Battery Max Power	300kW
Battery Energy	>30kWhr
Direct Electric Traction Drive System Specifications	
Motor Type	Internal Permanent Magnet
Traction Drive Power	320kW/ 429HP
Traction Motor	596lbs
Integrated Traction Inverter Power	320kW
Integrated Traction Inverter Weight	127lbs
Control, Communication and Diagnostics	J1939, CAN
Auxiliary Systems Specifications	
DC/DC Converter	27.8, 300A
Air Conditioning	Electric
Power Steering	Electro-hydraulic
Air Compressor	Integrated Electric, Oil-less