

Nuvera[®] HydroCharge[™]

Hydrogen-Powered AC Genset and DC Fast Charger



Product Advantages



Fuel efficiency



Rapid startup



Improved electrical efficiency

Product Specification

PERFORMANCE

Mobile EV Charger

Mobile Genset

Mobile EV Charger & Genset

Net output power

50kW of EV fast charging
10kW of 120/240Vac power

50kW of 208 or 480Vac 3-phase
Wye 10kW of 120/240Vac

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Output connectors

5 meter long CCS1 cable
CS6369 Receptacle

5 positions cam locks, CS6369
receptacle, standard 110V
outlet

5 meter long CCS1 cable & plug,
5 positions cam locks, CS6369
receptacle, standard 110V
outlet

PHYSICAL

Dimensions (L x W x H)

198" long, 94" wide, about 108" tall

Mass

7,000 lbs. (est.)

Transport

i. Not for highway or public road use
ii. Towable by half-ton or larger vehicles

OPERATION

Hydrogen dispenser connection

WEH[®] receptacle TN1-H2

Fuel supply pressure

35 - 350 bar

Onboard storage

3 x 4.7 kg tanks or ~15 kg total

Hydrogen consumption

~ 3.7 kg/h at max power

Hydrogen spec

SAE J2719_202003, ISO14687:2019

STANDARDS

Regulatory conformance

NFPA 55, NFPA 853, NFPA 2, CSA FC1, CGA P1, ASME B31.3, ASME BPVC, TITLE 49 CFR

Warehouse

Parking Lot and Mall

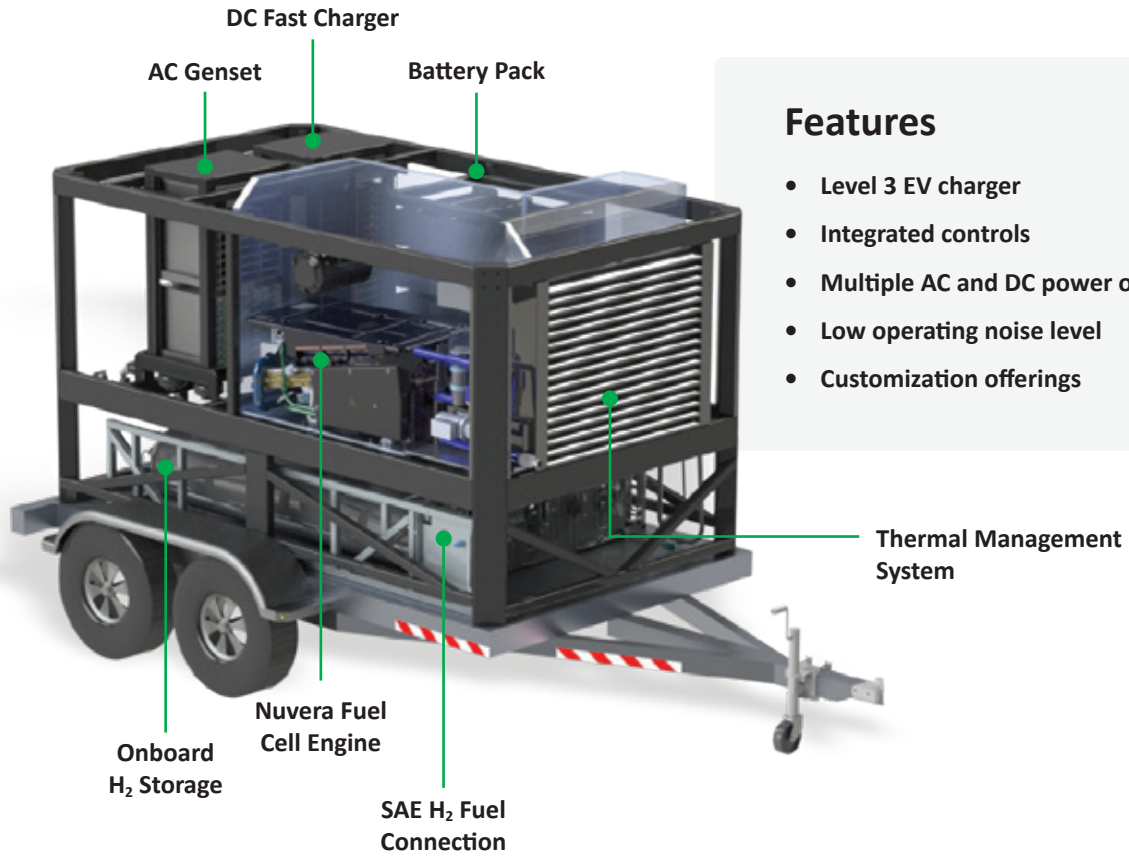
Port

Construction and Mining Zone

Concert and Sport Event



Nuvera Fuel Cells and Power Innovations International have joined forces to develop a hydrogen-powered AC genset and DC fast charger



Features

- Level 3 EV charger
- Integrated controls
- Multiple AC and DC power outlets
- Low operating noise level
- Customization offerings

Mobile Genset / EV Charger Block Diagram

