



EVSE (Electric Vehicle Service Equipment)

BACKGROUND

With a strong global push for a decreased dependency on foreign oil and fossil fuels, Electric and Hybrid Electric Vehicles are increasing in popularity. In 2010, the SAE International® J 1772 Committee froze the design for the widely accepted conductive charge coupler interface. Based on this foundational design, charge systems (collectively referred to as Electric Vehicle Service Equipment – EVSE) are being made available to EV & PHEV owners.

PROBLEM

As the popularity of Electric & Hybrid Electric Vehicles increase, the need to charge vehicles 'on-the-go' will increase. When the owner has small windows of charge opportunities, this portable EVSE charge system from Amphenol presents strong functional advantages. Mating from a 110v / 120v power source to the vehicle's charge receptacle can be established in minutes.

AIO SOLUTION

Amphenol Industrial Operations has designed and developed a 15 amp – Level I – SAE® J1772 compliant EVSE unit for the Electric and Hybrid Electric Vehicle market. With a strong focus on ergonomics and ease of use, Amphenol's EVSE unit meets the rugged demands of portable EV & PHEV charging.