

DESCRIPTION

ORCA Inceptive is the ONLY Transportable 50 kW DC Station on the market. It is capable of Vehicle to Vehicle (V2V) and Vehicle to Building (V2B) fast charging and discharging.

BENEFITS

- V2V Mode: just plug in and charge!
- Compact form factor enables easy transportation.
- Charges an EV from 0% to 80% in 25 minutes⁽¹⁾.
- Perfect for EV rescue, fleets, test tracks, dealer workshops, car rental firms, etc.
- V2B Mode: avoid Peak Demand from the grid delivering energy from EV battery to the building.
- Outstanding value for the money.



ORCA Inceptive

On-Board CHAdeMO or CCS Vehicle-to-Vehicle and Vehicle-to-Building Fast Charger/Discharger

GENERAL DESCRIPTION

ORCA Inceptive is an On-Board fast charging and discharging station, designed in Italy and fully manufactured in the USA.

ORCA Inceptive is compact and can be easily installed in the trunk of an Electric Vehicle (EV). It can jumpstart a stranded EV by means of two EV plugs, transferring energy from an EV (CHAdeMO) to another EV (CCS or CHAdeMO). It operates up to 50 kW and it is networked (OCPP 1.6, OpenADR 2.0b, and MODBUS/IP).

From an optional port, ORCA Inceptive accepts AC from the Grid (input only) or DC from a Microgrid (input and output).

At maximum performance the ORCA Inceptive can recharge the battery of a stranded EV (battery energy capacity 25 KWh) from 0% to 20% in 5 minutes.



FEATURES

- Modern Italian design.
- Compact, fully embedded in the EV trunk.
- Portable fast charger for CCS or CHAdeMO[®] EVs.
- Up to 9 m (30 ft) cables for jumpstarting.
- Charges 0% to 20% in 5 minutes⁽¹⁾.
- Maximum output power: 50 kW, 500 V, 125 A.
- Efficiency: 95% @ 50 kW.
- User-friendly interface on any Wi-Fi connected device.
- Simple "Start" and "Stop" button operation.
- Flexible power input hardware to easily accommodate to local electric service capabilities (AC or DC).
- Integrated breakers for main and auxiliary circuits.

- Dimensions W x D x H: 34 x 13 x 22 in (87 x 33 x 55 cm).
- Weight: from 205 lbs (93 kg).
- Standards: CCS ISO/IEC 15118, CHAdeMO 0.9 and 1.0.

OPTIONS

- Enclosure: NEMA 3R stainless steel or painted steel.
- Embedded ORCA-VEN (for Energy Demand Management).
- Flexible range of auxiliary input power (AC or DC).
- Communication: Wireless IEEE 802.11g, 4G, or Ethernet.
- Networked by InCISIVE ORCA-NET.
- Remotely controllable via OCPP 1.6, OpenADR 2.0b, and MODBUS/IP.
- Smartphone app to control/monitor charging and discharging.

Andromeda Power is a member of CHAdeMO[®].