

## DESCRIPTION

ORCA-Mobile is the ONLY Portable 50 kW DC Fast Charging Station for CHAdeMO® EVs on the market. Designed in Italy and proudly manufactured in the USA.

## BENEFITS

- Plug in and charge!
- NO additional installation costs.
- Compact form factor enables easy transportation.
- Charges an EV from 0% to 80% in 25 minutes<sup>(1)</sup>.
- Perfect for commercial and industrial use.

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## ORCA Mobile

### CHAdeMO or CCS Portable Fast Charger for Electric Vehicles

#### Choice of Power Input Configurations (Factory Configured)

PI	Power Input Type	Power Input Wires	Power Input Voltage (V)	Max Input Current (A)	Max Input Power (kW)	Max Output Power (kW)
01	DC	(+), (-), Earth	250-350	222	56	50
02 <sup>(3)</sup>	DC	(+), (-), Earth	350-600	154	54 <sup>(4)</sup>	50
03	DC	(+), (-), Earth	500-900	108	54	50
04	AC <sup>(2,5)</sup>	3-phase, Earth	480	63	54	50
05	AC <sup>(2,5)</sup>	3-phase, Earth	400	76	53	50
06	AC <sup>(2)</sup>	1-phase, Earth	240	88 110	21 26	20 25
07	AC <sup>(2,5)</sup>	3-phase, Earth	208-240	148	53	50

<sup>(2)</sup> AC frequency can be 50 or 60 Hz.

<sup>(3)</sup> Solar panel application. PV nominal power without solar tracker should be at least twice the max input power<sup>(4)</sup> for stable operation under any sunshine condition.

<sup>(5)</sup> Setup complies with CHAdeMO® standard.



## FEATURES

- Modern Italian design with sleek stainless steel enclosure.
- Portable fast charger for CHAdeMO® EVs.
- Charges 0% to 80% in 25 minutes<sup>(1)</sup>.
- 15" LCD color display.
- 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.
- Integrated breakers for main and auxiliary circuits.
- Ingress protection / NEMA® type: IP14 / 3R.
- Dimensions W x D x H: 25" x 16" x 40" (63 x 40 x 100 cm).

<sup>(1)</sup> 25 KWh EV battery.

- Weight: from 216 lbs (98 kg).
- CHAdeMO® standards: 0.9 and 1.0.

## OPTIONS

- Flexible range of input power (AC or DC, see table).
- Embedded ORCA-VEN (for Energy Demand Management).
- Remotely controllable via third-party software control system.
- Communication: Wireless IEEE 802.11g, 3G/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.
- Cable lengths: 4, 6, 7.5 or 9 m (13, 20, 25, or 30 ft).

Andromeda Power is a member of CHAdeMO®.