

ORCA Series

CHAdEMO Portable Fast Charger for Electric Vehicles

DESCRIPTION

ORCA-Rescue is the WORLD's FIRST 50 kW rescue transportable DC charger for electric vehicles with CHAdEMO® plug. It is designed in Italy and manufactured in the USA.

BENEFITS

- Low price and ZERO additional installation cost.
- Instant installation on trucks and pick-ups with PTO or battery packs.
- Accepts any AC (to recharger from the grid) and DC power input (from battery packs).

Table 1. Power Input Configurations

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 ⁽³⁾	DC	(+), (-), Earth	350-500	154	54	50
03	DC	(+), (-), Earth	500-900	108	54	50
04	AC ⁽²⁾	3-phase, Earth	480	63	54	50
05	AC ⁽²⁾	3-phase, Earth	400	76	53	50
06	AC ⁽²⁾	1-phase, Earth	240	88	21	20
				110	26	25
07	AC ⁽²⁾	3-phase, Earth	208-240	148	53	50

⁽²⁾ AC frequency can be 50 or 60 Hz.

⁽³⁾ Solar panel application (with no load input can be up to 600V)



FEATURES

- Transportable fast charger for electric vehicles equipped with CHAdEMO® port.
- Charging speed: 0% to 80% in about 25 minutes (1).
- User-friendly interface: light indicators and two buttons (Start and Stop) to operate on Smartphone application.
- Multiple input power settings to conveniently accommodate battery or PTO energy sources.
- Remote upgrade and maintenance.

(1) with 25 KWh electric vehicle battery.



- CHAdEMO standards: 0.9 and 1.0.
- Maximum output power: 50 KW, 550V, 125A.
- Efficiency: 95% @ 50KW.
- Communication through Smartphone.
- Enclosure: standard pick-up tool box.
- Weight: 185 lbs (84 kg).
- Cable length: 8 or 10 m (25' or 30').



CHAdEMO

Andromeda is member of CHAdEMO association.

