

Portable EV charger

The EV charger will be capable to provide temporary effective power to electric cars, if and when, they run out of power.

General Information

In the view of electric vehicle market development, the need for a transportable energy source is important and necessary, especially at Ro-Ro Terminal operations.

The EV Charger converts AC voltage to DC voltage to direct charge the Electric Vehicle batteries.

The most of the EV's are equipped with standard plug types as: CHAdeMO, and CCS.

General characteristics of Portable EV charger

- 1) The EV Charger must be in compliance with CHAdeMO, and CCS plug types.
- 2) The EV Charger must have been constructed according the latest safety & quality standards.
- 3) The EV Charger must have been designed for rough environment and outdoor-use.
- 4) The operation of the device must be easy and user-friendly.
- 5) The EV Charger must be covered by warranty.

Minimum requirements for the Portable EV charger

The main characteristics of EV Charger will be:

- 1) Portable
- 2) Power: approx. 10KW (1pc) and approx. 20KW (1pc)
- 3) Voltage: 380/220 – 3phase/2phase respectively
- 4) AC input / DC output
- 5) Protection grade: min IP31
- 6) Operating temperature: from -25°C to + 50°C
- 7) Min Protection: Short circuit / Over temperature / Over voltage / Under voltage
- 8) Cooling: forced ventilation
- 9) Display: LED
- 10) DC Plugs: CHAdeMO, CCS