

Medha Charge Station - 100 kW

MCU 1104

Charging heavy commercial vehicles is easy with Medha DC EV Charge station. Based on powerful IGBT/ SiC technology, the charger is capable of providing fast and safe charging. The charger is available in both, CCS 2 and GB/T protocols. Medha has over 20 years of experience in design and manufacture of various types of converters and inverters up to 4.5 MW capacity and has applied its expertise in IGBT/ SiC technology based rectifiers in the charger design. The charger has been designed, developed and manufactured at Medha's state of art facilities in India.



Key Features:

- 95% power efficiency
- Unity power factor control
- Supports both CCS2 and GB/T charging
- Maximum power capacity of 100 kW
- 7" LCD touch screen display for HMI
- Wireless network capability for remote monitoring
- Rugged, Robust and reliable design
- IP 54 protection

Specifications

Electrical Characteristics:

| Station Electrical AC Input | |
|---|---|
| Phases / lines | 3-Phase, 5wire AC system(3Ph+N+E) |
| Nominal input Voltage | 3-Phase 415 V (+6% and -10%) as per IS 12360 |
| Frequency | 50Hz \pm 1.5 Hz |
| Power factor | > 0.99 (Full Load) |
| Harmonics | iTHD < 5% (Complies with IEEE 519 Requirements) |
| Station Electrical DC Output (Mode - 4) | |
| Voltage | 500 to 1000 Vdc |
| Rated Current | 200 A @500 V output |
| Rated Output Power | 100 kW |
| Efficiency | up to 95 % |

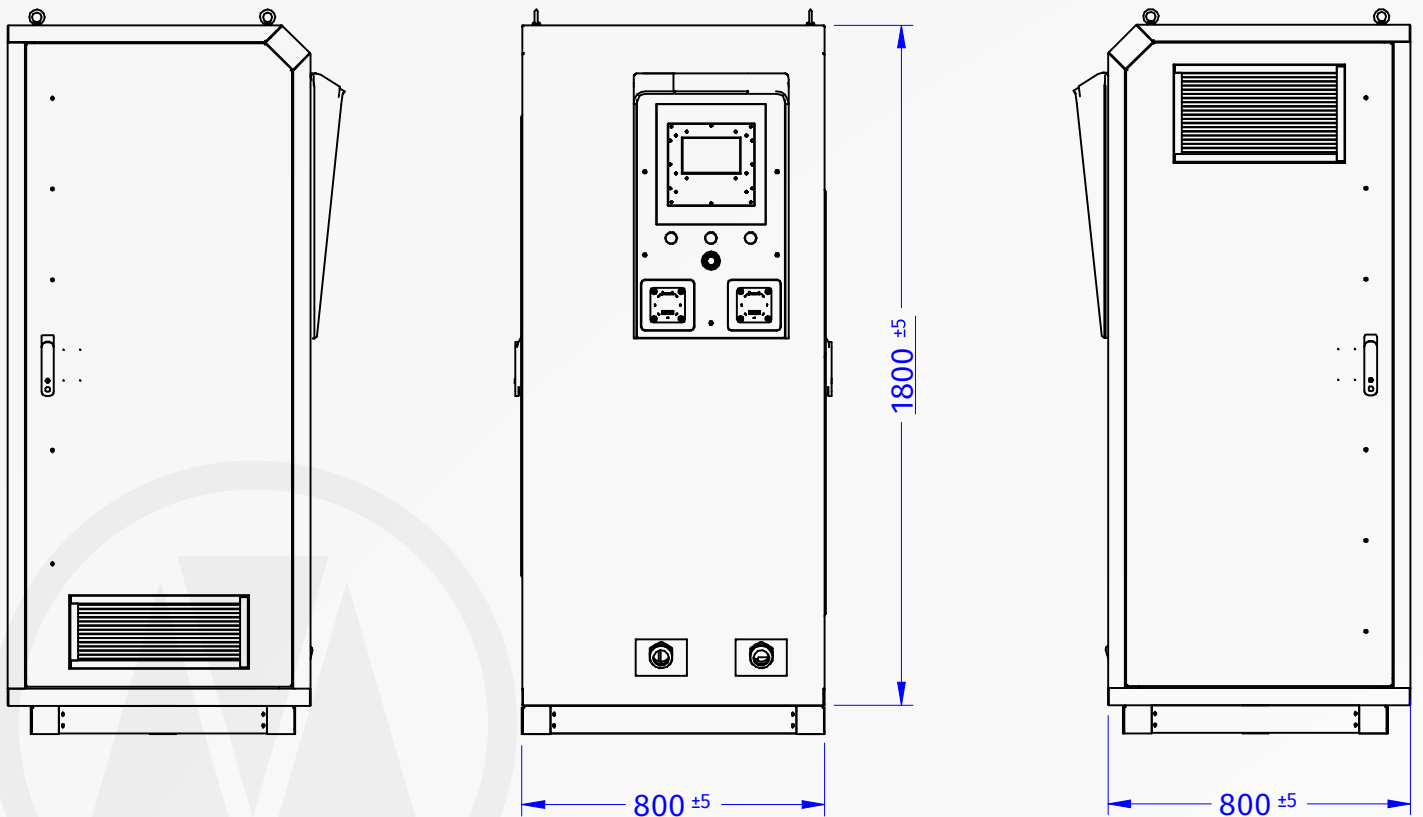
Mechanical details:

| | |
|--------------------------|------------------|
| Weight | 500 kg |
| Dimensions (LxWxH) in mm | 800 x 800 x 1800 |
| Charging cable length | 4 m |

Compliance to International Standards

IEC 61851
IEC 62196
IEC 61000-4

Also available in 200 kW and 350 kW variants.



EV Charge Station

www.medha.com

MEDHA SERVO DRIVES PVT. LTD.

ISO 9001
IRIS Certification
CMMI LEVEL 3
Design ▶ Manufacturing ▶ Maintenance


MEDHA

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