

# EVERTA

Intelligent charging for electric vehicles

## Product

# EVERTA 120kW

## Main Features

- 150-1000Vdc wide output voltage range.
- Cable management system (Optional) and ADA compliance.
- Connect to any backend based on OCPP 1.6J protocol.



## Specifications

| Product                |                                   |
|------------------------|-----------------------------------|
| AC Rated Input Power   | 400V/3P+N+PE 50/60Hz              |
| AC Input Voltage Range | 400V±15%                          |
| AC Rated Input Current | 185A for 120kW output             |
| Power Factor           | ≥0.99 @ Full Load                 |
| Efficiency             | 96.5% @ Full Load                 |
| Grid Type              | TN-S, TN-C, TN-C-S, TT            |
| Connector Type         | CCS2+CCS2 (simultaneous charging) |
| Rated Power            | 120kW (30kW as an increment)      |
| Output Voltage         | 150-1000Vdc                       |
| Output Current         | 300A/connector                    |

## User Interface

|                     |  |
|---------------------|--|
| Display             | 10.4-inch touch screen                           |
| Support Language    | English (Other languages available upon request) |
| Button and Switch   | Emergency stop button                            |
| User Authentication | RFID card, QR code, App (optional)               |
| RFID Reader         | ISO/IEC 14443 A/B, ISO/IEC 18092, IEC/ISO 15693  |

## Communication

|                           |                                 |
|---------------------------|---------------------------------|
| Network Interface         | 4G, Wi-Fi, Ethernet             |
| Protocol (EVSE & Backend) | OCPP 1.6J, OCPP 2.0.1 (ongoing) |
| Protocol (EVSE & EV)      | DIN 70121, ISO 15118            |

## Environmental

|                       |                                      |
|-----------------------|--------------------------------------|
| Operating Temperature | -30°C to +50°C (Derating above 50°C) |
| Storage Temperature   | -40°C to +70°C                       |
| Humidity              | 5% to 95% no condensation            |
| Altitude              | ≤2000m                               |

## Mechanical

|                         |  |
|-------------------------|--|
| Enclosure               | IP55 / IK10 (IK08 for screen)  |
| Cooling                 | Forced air cooling   |
| Charging Cable Length   | 5m (optional)  |
| Cable Management System | Optional / Swing Arm version<br>5m cable @ approx. 3.8m operating range (cable will not touch ground)                                      |
| Dimensions (WxHxD)      | 750*1790*720mm (without connector holder and cable management system)  |
| Weight                  | Approx. 285kg (without power modules and cable management system)<br>Approx. 15kg per power module<br>Approx. 28kg cable management system |
| Installation            | Ground mounting  |

## Certification and standards

|                          |   |
|--------------------------|---|
| Standards and compliance | IEC 61851-1, IEC 61851-21-2, IEC 61851-23, LVD 2014/35/EU, RED 2014/53/EU |
| Certification            | CE, CB, RCM, WPC, NBTC, PTEC, PEA, SNI, NTC, TR25(ongoing), SPLN(ongoing) |

\* Images shown are for reference only. Final product specifications may vary.

### Chikara EVERTA Energy Private Limited

2<sup>nd</sup> Floor, Plot No. 46, Upadrastha House,  
Dr. VB Gandhi Marg, Fort, Mumbai - 400001,  
Maharashtra  
Phone: +91 22 22712800 | hello@everta.com  
www.everta.com

# EVERTA