

**ChargeA2Z - 120 kW - Type2 Dual Gun Fast DC charger** - Small Product Image on right side

SKU Number – BA30ZT1

**Technical Specifications –**

|                                    |                                                            |
|------------------------------------|------------------------------------------------------------|
| Product Number                     | BA30ZT1                                                    |
| Input                              | 400VAC / 480VAC (3P+N+PE) , 50/60Hz                        |
| Output Voltage                     | 200 - 1000VDC                                              |
| Output current                     | CCS2 - 100A                                                |
| Connectors                         | CCS2 Type Dual gun                                         |
| Parallel Charge Mode               | 30 kW per Port, 4 ports                                    |
| Efficiency                         | ≥94% at nominal output power                               |
| Power factor                       | > 0.98                                                     |
| Operating temperature              | -30°C to 55°C                                              |
| Altitude                           | < 2000m                                                    |
| Working   Storage Humidity         | ≥95% RH     ≥99% RH (Non-condensing)                       |
| Display                            | 7" LCD with touch screen                                   |
| RFID system                        | ISO/IEC 14443A/B                                           |
| Dimensions (L x D x H)             | 550 x 650 x 1950                                           |
| Ingress Protection                 | IP54   IK10                                                |
| Power Electronics Cooling          | Force Air Cooled                                           |
| Weight                             | 210kg                                                      |
| Insulation (input - output)        | > 2.5kV                                                    |
| Charging Protocol Standards        | Mode 4 - IEC-61851, ISO-15118, DIN 70121 2023              |
| Length of charging cable           | 5m                                                         |
| Communication protocol             | OCPP 1.6J                                                  |
| Access Control                     | RFID: ISO/IEC 14443A/B                                     |
| Communication                      | Ethernet - Standard     3G/4G Modem (Optional)             |
| Electrical Safety GFCI             | RCD 30 mA Type A                                           |
| Electrical Safety Surge Protection | <b>20kA</b>                                                |
| Electrical Safety General          | Over Voltage, Under Voltage, Over Current, Missing Ground  |
| Electrical Safety: Output Short    | Output power disabled when output is short circuited       |
| Electrical Safety Temperature      | Temperature Sensors @ Charge Coupler and Power Electronics |
| Emergency Stop                     | Emergency Stop Button Disables Output Power                |

**PRODUCT OVERVIEW:**

DC fast charging stations can charge all Electric Vehicles with CCS 2 charging standard compliance with a maximum DC **output Power of up to 120kW**.

After user identification, by simply connecting CCS2 connector to your EV, you will have a fast, secured and proven charging process.

The battery charging status will be displayed on the LCD. The charging cycle either finishes by itself, or it can be terminated by a user command.

**Applications:**

1. Commercial premises like Malls, Theatres, Super Markets, Highway Fuel Stations