

ChargeA2Z - 180 kW - Type2 Dual Gun Fast DC charger –

SKU Number – BA31ZT1

Technical Specifications –

Product Number	BA31ZT1
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, 6 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	260kg
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	20kA
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 180kW**.

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
2. Large vehicles such as buses, trucks