

# QUENCH

JUICE FOR ELECTRIC AUTOMOBILES



# Technical Specification

## 180kW DC Fast charger Specifications.

I/P Power Requirement	210kVA, 415 VAC + 10% to -15% 3-Phase, 50 / 60 Hz, L1, L2, L3, N PE
O/P Voltage / Current	150 - 100 VDC< DC Charging current up to 250 A / gun
Operation Mode	90KW DC output of each GUN, simultaneously
Electrical Protection	Under voltage, Over voltage, Over current, Residual current, Surge protection, Short circuit, Over temperature, Ground fault, Insulation fault, Reverse polarity, Emergency stop.
Isolation	Each DC output should be isolated from each other.
Charging Cable Length	4 M, 5 M (optional)
No. of Outputs	2 nos. (CCS TYPE 2)
Type of Connectors	CCS II /CHAdeMO
User Authentication	MIFARE, ISO/IEC14443A/B, ISO/IEC18092 NFC, FeliCa
Communication Protocol	OCPP 1.6 J
Network connection	Wi-fi, SIM, LAN
Rated power efficiency	> 93% at Full load
Power Factor	> 0.99 at full load
THDi	≤5% @output power above 50%
Compliances	IEC 61851-1; IEC 61851-23; IEC 61851-21-2, IS17017, AIS138-2
Operating Temperature	-20 °C to +50 °C (de-rating characteristics apply after 50 °C )
Storage Temperature	-25 °C to +70 °C
Humidity	< 95% relative humidity, non-condensing
Environment	IP 54
Altitude	2000 m
Emergency Push Button	1 Emergency stop button
Mechanical impact protection	IK10 (screen: IK 08)
Operating Noise level	< 65 dBA
Dimension (W x H x D)	900X2600x1015 mm
Weight in kg	Approximately <750Kg

# GLOBALY CONNECTED



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Shelton, **USA**

Bangkok, **Thailand**

Pune, **India**

Jakarta, **Indonesia**

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SCAN ME



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