QUENCH

Born Global

DC Quench 120kW :

DC Quench 120 delivers power to charge all types of EV's from cars to buses with global standards. Along with its intuitive interface, charging your EV has never been so simple.

Key Features :

- 120kW Dual CCS
- RFID Reader
- Ethernet or 3G/4G connection
- Slim & compact design
- Communication module for OCPP connection
- Reduced Installation cost
- Increased Reliability
- Durable UV resistant exterior
- Low maintenance

Technical Specification :

I/P Power Requirement	140kVA, 415 VAC + 10% to -15% 3-Phase, 50 / 60 Hz, L1, L2, L3, N PE
O/P Voltage / Current	1000V_{DC}, Charging current up to 200 A / gun
Operation Mode	Simultaneous : 2 x 60kW CCS2
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	Double insulation. Each DC output should be isolated from each other. (Section 7.5.101 of IEC61851-23)
Charging Cable Length	4M
Display	10.1 inch ; LCD touch panel
User Authentication	MIFARE, ISO/IEC14443A/B, ISO/IEC18092 NFC, FeliCa
Communication Protocol	OCPP 1.6 J
Network connection	Wi-fi, Ethernet & GSM
Rated power efficiency	= 94% at Full load @ nominal I/P % O/P above 50%
Power Factor	0.99 at full load
THDi	≤5% @output power above 50%
Compliances	IEC 61851*1, IEC 61851-23, IEC 61851-21-2
Compliances	IS 17017 relevant clauses
Operating Temperature	-20 °C to +50 °C (de-rating characteristics apply after 50 °C)
Storage Temperature	-30 °C to +70 °C
Humidity	< 95% relative humidity, non-condensing
Environment	IP 54
Altitude	2000 m
Emergency Push Button	1 Emergency stop button
Certificate	CE / Combo-2 / (DIN 70121; ISO15118) / IEC 61851-1; IEC 61851-23; IEC 61851-21-2
Mechanical impact protection	IK10 (screen: IK 08)
Dimension (W x H x D)	650 x 1913 x 737 mm
Weight in kg	Appx. 350 kg

GLOBALY CONNECTED

Aachen**, Germany**

Milan**, Italy**

Shelton**, USA**

Bangkok**, Thailand**

Pune**, India**

Jakarta**, Indonesia**

Manila**, Philippines**

QUENCH

JUICE FOR ELECTRIC AUTOMOBILES

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