



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 + AC Type 2
- 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



*actual product may vary

Technical Specification :

Interface	RFID, Smart TAG, Free for protocol
I/P Power Requirement	160kVA, 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 + 22kW AC Type 2
Electrical Protection	Under voltage, Over voltage, Over current, Residual current, RCD Type B or isolation transformer 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	4, 5, 7.5 Meters at request
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	GPRS Communication, Wi-fi, Ethernet, 3G, 4G ,5G Modem
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 / 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; IEC62196-3 Configuration FF
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
Support Language	English, Thai or others at request

GLOBALY CONNECTED



Aachen, **Germany**

Milan, **Italy**

Shelton, **USA**

Bangkok, **Thailand**

Pune, **India**

Jakarta, **Indonesia**

Manila, **Philippines**

QUENCH
JUICE FOR ELECTRIC AUTOMOBILES