

QUENCH

JUICE FOR ELECTRIC AUTOMOBILES



DC Quench 30kW :

DC Quench 30kW 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 :

- 30kW Single 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 :

	Input Power
Input Voltage (AC)	3 Phase, 415 Vac +10% to -15% , (352 - 456 Vac)
Power Factor	>0.99 at full load
Rated Power Efficiency	>94% at full load
Input frequency	50/60 Hz
Wires	5 Wire, L1, L2, L3, N, PE
Regulation	Controlled voltage charging (CVC) & Controlled current charging (CCC)
THD	≤5% at output power of 50% - 100%
	Output Power
Number of Outputs	1 No.
Output Connector	CCS Type 2
Output Current	Max. 100 Amp
Output Voltage Range	150Vdc to 1000Vdc
Output Power Rating	30kW
	Environment
Ambient Temperature	-20°C to +55°C
Storage Temperature	-30°C to +70°C
Altitude	<2000 Mtr.(upto 6500 ft)
Humidity	<95%, non-condensing
	User Interface & Control
Display	4.3"/ 7 " TFT LCD with Touch
Language	English
Push Button	Emergency stop with provision of shroud.
User Authentication	OTP / RFID
Visual Indication	Mains available, charging status, system error.
	Protection
Protection	Surge Protection, Over Voltage, Under Voltage, Over Current, Short Circuit, Over Temperature, Ground Fault, Residual Current. Over Temperature, Emergency Stop
Charger & Vehicle	PLC Communication (DIN 70121; ISO15118)
Charger & CMS	Protocol: OCPP 1.6J (Open Charge Point Protocol)
Network Connectivity	GSM- 3G/4G, Wi-Fi, Ethernet
Certification	IEC 61851-23 , IEC 61851- 24, IEC 61851-21-2, IS 17017
	Mechanical
Ingress Protection	IP 23
Cooling	Air Cooled
Charging Length	4M, 5M (optional)
Dimension	@ 600mmX550mmX300mm (WXHXD)
Weight	80Kg

GLOBALY CONNECTED



Aachen, **Germany**

Milan, **Italy**

Shelton, **USA**

Bangkok, **Thailand**

Pune, **India**

Jakarta, **Indonesia**

Manila, **Philippines**

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SCAN ME



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