

QUENCH

JUICE FOR ELECTRIC AUTOMOBILES



DC Quench Mini 30kW :

DC Quench 30kW delivers power to charge all types of EV's 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
- Easily Portable
- Durable UV resistant exterior
- Low maintenance
- Communication module for OCPP connection



Technical Specification :

	Input Power
Input Voltage (AC)	3 Phase, 415 Vac +10% to -15%
Power Factor	>0.99 at full load and at rated condition.
Rated Power Efficiency	>94% on full load
Input Frequency	50/60 Hz
Input AC Socket	415 VAC 63 Amp, Industrial plug. (5 Wire, L1, L2, L3, N, PE). Standard cable length 5 meter. Other length can be provided as optional.
Grid supply connection plug	IEC 60309
Input KVA requirement	35KVA
Type of regulatio	CV/CC
THD	≤5% at output power of 50% - 100%
	Output Power
Number of Outputs	1 No.
Output Connector Type	CCS Type II
Output Current	Max. 100 Amp
Output Voltage Range	150Vdc to 1000Vdc
Output Power Rating	30kW
	Environment
Ambient Temperature	-20°C to +55°C(Derating after 55°C)
Storage Temperature	-30°C to +70°C
Altitude	2000 Mtr
Humidity	<95%, Non-condensing.
	User Interface & Control
Display	7 " TFT LCD Display with user friendly touch screen.
Language	English
User interface	Through 7 inch display for charging Start /Stop control through RFID/OTP, User authentication, Charging summary (SOC,Out put voltage,Current,Demand voltage,Current, Elapsed time,etc.)
Push Button	Emergency stop with provision of shroud.
User Authentication	OTP / RFID /Mobile App
	Protection
Protections	Surge Protection, Over Voltage, Under Voltage, Over Current, Short Circuit, Over Temperature, Residual Current, Over Temperature, Emergency Stop
OCPP Compliance	Protocol: OCPP 1.6J
Network Connectivity	GSM- 3G/4G, Wi-Fi, Ethernet
Standard compliances	IEC 61851-1 , IEC 61851-21 IEC 61851-23 relevent clouses, IS 17017
	Mechanical
Ingress Protection	IP 54
Cooling	Air Cooled
Charging cable Length	4M, 5M (optional)
Dimension	@ 740mm X1220mm X 735mm (WXHXD) With wheels
Weight	< 150kg

GLOBALY CONNECTED



Aachen, **Germany**

Milan, **Italy**

Shelton, **USA**

Bangkok, **Thailand**

Pune, **India**

Jakarta, **Indonesia**

Manila, **Philippines**

Coventry, **UK**

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