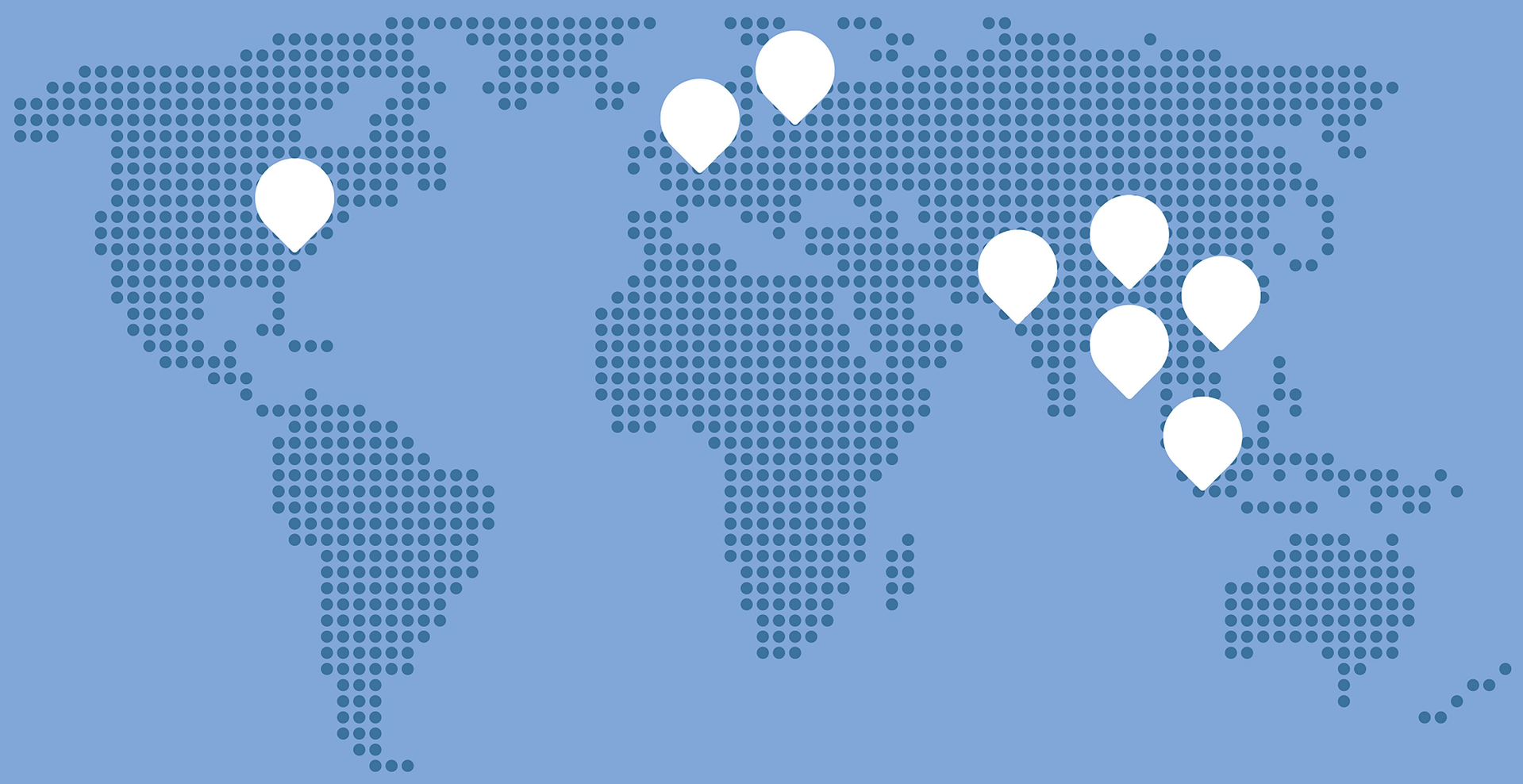
QUENCH

JUICE FOR ELECTRIC AUTOMOBILES

Technical Specification :

I/P Power Requirement	210 KVA, 415 VAC + 10% to -15% 3-Phase, 50 / 60 Hz, L1, L2, L3, N PE
O/P Voltage / Current	150 - 1000 VDC, DC Charging current up to 200 A
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. (Section 7.5.101 of IEC61851-23)
Charging Cable Length	4M, 5M (optional)
Type of connectors	CCS II / CHAdeMo combination or Dual CCS II
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	> 93% at Full load
Power Factor	0.99 at full load
THDi	≤5% @output power above 50% ~ 100%
Operating Noise level	< 65 dBA
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
Compliances	IEC 61851-1; IEC 61851-23; IEC 61851-21-2.IEC 61851-24,
Mechanical impact protection	IK10 (screen: IK 08)
Dimension (W x H x D)	650 x 850 x 2100 mm
Weight in kg	Appx. 400 kg

GLOBALY CONNECTED



Aachen**, Germany**

Milan**, Italy**

Shelton**, USA**

Bangkok**, Thailand**

Pune**, India**

Jakarta**, Indonesia**

Manila**, Philippines**

QUENCH

JUICE FOR ELECTRIC AUTOMOBILES