



240Kw Dual Gun DC Charger

Technical Specification





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Technical Specifications



Parameters	Rating	Specification
Input Parameters	Input Voltage Type	415V Three Phase, 5 Wire (R, Y, B, N, PE)
	T.H.D (i)	<2% at rated load
	Power Factor	>0.99 (at rated load) and >0.98 (with load greater than 50% rated load)
	Maximum Input Current	400A rms (per phase)
Power Output	Number of Guns	2
	Output Voltage Range	100-1000 Vdc
	Maximum Output Current (per gun)	325A
	Power Conversion Efficiency	> 95.5% (at rated load and 800 Vdc output)
	Dynamic Power Sharing	No
Interface and Control Functions	Display Screen (HMI)	10 TFT Touch Screen
	User Authentication	Using mobile application or HMI: QR Code / RFID Card / Password Login
	Input AC energy meter	Yes
	Battery Backup	30 minutes
Communication	Between EV and EVSE	Low Level Communication as per IEC 61851-1, High Level Communication as per DIN SPEC 70121 and ISO 15118
	Between EVSE and CMS	OCPP 1.6J and OCPP 2.0.1 software protocols via WiFi/ GSM (2G/3G/4G)/Ethernet
Mechanical	Ingress Protection	IP55
	Cooling	Forced Air Cooling
	Charging Cable Length	5 m (optional up to 7m available)
	Operating Temperature	-25 C to 75 C (de-rating > 55 C)
	Weight	500 Kg (With Power module)
	Dimensions (HxWxD) in mm	1975x1090x750
	Material	Phosphated Mild Steel with power coating or Stainless Steel

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