Charging the Life

Driving the green future with EVSIS

EVSIS

DC charger

100kW

Key Features

CE, cMETus(NRTL/CSA), FCC Compliant
CTEP/NTEP, Energy Star Compliant
Remote monitoring and update for optimal operation
Fits all CCS, CHAdeMO, NACS vehicles
Simultaneous charging

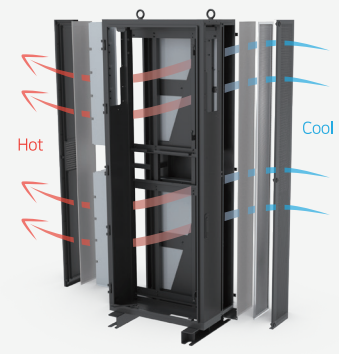
High energy efficiency
Effortless charging
Easy installation and minimal maintenance
Advanced service support
New cable retraction system with long cables

JC-9932-100-CX (CE)
JC-9932-100-CT (UL)

Specifications

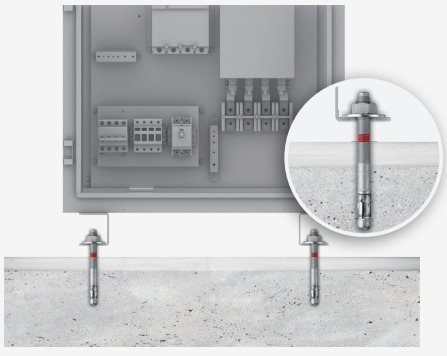
General	Connector	CCS, NACS, CHAdeMO (optional)
	Communication with EV	IEC 61851 PLC
	Display	24" LCD Display, Touch screen
	Support Language	English, French, Espanol (Other languages available upon request)
	Push Buttons	1 emergency stop button
	User Authentication	ISO/IEC 14443 A / B Mifare RFID reader, Credit card reader
Electric	Input	3Ø4W, 400VAC, 50/60Hz, Max.110kVA (CE Version) 3Ø4W, 480VAC, 60Hz, Max.110kVA (UL Version)
	Input | THD	< 5%
	Output	1CH Voltage : 150~1,000VDC(Max) Current : 200A(Max) Max power : 100kW (50kW each for simultaneous charging) 2CH Voltage : 150~1,000VDC(Max) Current : 200A(Max) Max power : 100kW (50kW each for simultaneous charging)
	Power Factor	> 0.98 (Full Scale)
	Charging Mode	CC, CV
	Voltage Accuracy	±1.0% (Full Scale)
	Current Accuracy	±1.0% (Full Scale)
	Max. Efficiency	> 95% (at rated voltage, rated current)
	Isolation Impedance	10MΩ@1,000V
Environment	Operating temperature	-30℃ ~ 50℃ (-22℉ ~ 122℉ with derating)
	Humidity	< RH95% (Non-condensing)
Communication	Network Interface	Ethernet, Cellular, WLAN
	Protocol	OCPP1.6J (OCPP 2.0.1 will be supported in 2024)
Safety standard	Protection	Over voltage, Over current, Short-circuit, Over temperature, Earth leakage, Surge protection, Contactor welding
Mechanical	Protection degree	IP54 (NEMA 3R), IK10
	Cooling	Forced air
	Charging Cable Length (Standard)	6m (19.7ft) / Adjustable upon request
	Dimension	1,064(W) x 1,900(H) x 523(D) mm (42(W) x 74.8(H) x 20.6(D) inch)
	Weight	393kg (866lb)

Feature highlights



Advanced internal design creates airflow between power modules to solve heat generation problem

Sterilize connector with UV-C LED



Aseismatic design (optional)