Charging the Life

Driving the green future with EVSIS

EVSIS

Distributed Charging System

DC high power charger 350kW / 400kW

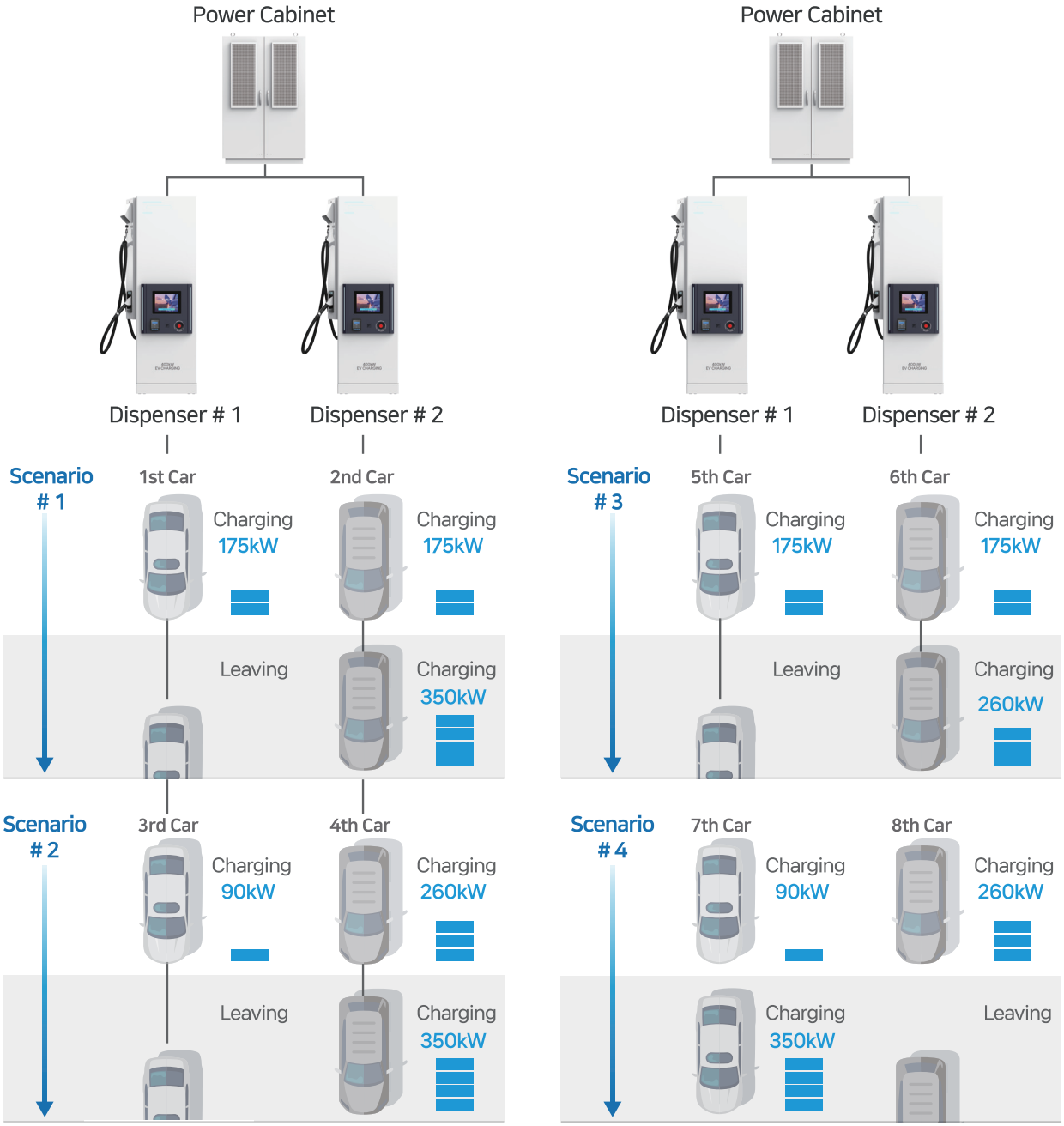
Key Features

CE, cMETus(NRTL/CSA), FCC, CTEP/NTEP, Energy Star Compliant
NACS available
Remote monitoring and update for optimal operation
60m (197ft) of maximum distance between power cabinet and dispenser
Dynamic Power Sharing

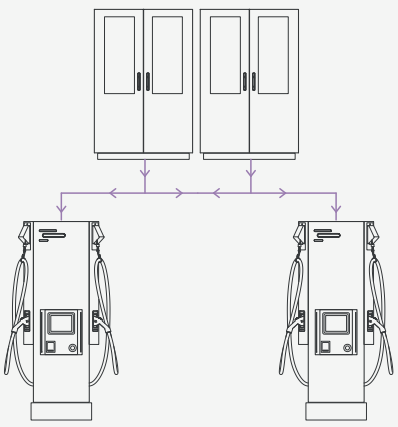
JC-9HG2-350/400-CX5 (CE)
JC-94F2-350/400-0T5 (UL)

Dynamic Power Sharing Scenarios

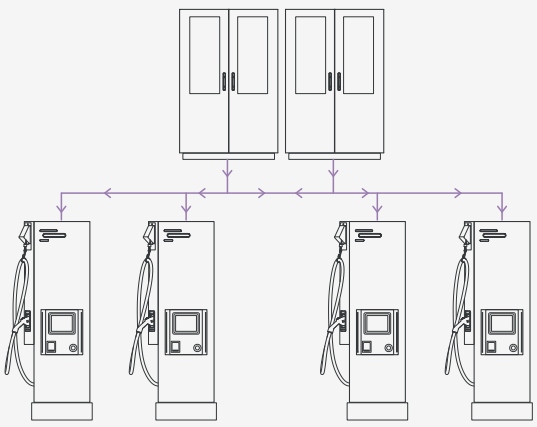
Flexible power distribution based on maximum output.
Distribute electric power freely to increase charging efficiency.



Configuration



Power Cabinet (350kW) : 2 units
Dispenser (350kW 2ch) : 2 units



Power Cabinet (350kW) : 2 units
Dispenser (350kW 1ch) : 4 units

Specifications

Dispenser

Specificaion		Dispenser 350kW JC-94F2-350-CX5 (CE) JC-94F2-350-0T5 (UL)	Dispenser 400kW JC-94F2-400-CX5 (CE) JC-94F2-400-0T5 (UL)
General	Connector	CCS, NACS	
	Communication with EV	IEC 61851 PLC	
	Display	12.1" 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, NFC	
Electric	Input	DC 1,000V, 240VAC, 60Hz (CE Version) DC 1,000V, 220VAC, 60Hz (UL Version)	
	Input | THD	< 5%	
	Output (DC Output1)	Voltage : 150~1,000VDC (Max) Current : 500A(Max) Max power : 350kW (liquid-cooled cable)	Voltage : 150~1,000VDC (Max) Current : 500A(Max) Max power : 400kW (liquid-cooled cable)
	Output (DC Output2)	Voltage : 150~1,000VDC (Max) Current : 500A(Max) Max power : 350kW (liquid-cooled cable)	Voltage : 150~1,000VDC (Max) Current : 500A(Max) Max power : 400kW (liquid-cooled cable)
Environment	Operating temperature	-30℃ ~ 50℃ (-22℉ ~122℉)	
	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)	5.5m (18ft) / Adjustable upon request	
	Dimension	996(W) x 2,098(H) x 432(D) mm (39.2(W) x 82.6(H) x 17(D) inch)	
	Weight	220kg (485lb)	

Specifications

Power Cabinet

Specificaion		Power Cabinet 350kW JC-9HG2-350-CX5 (CE) JC-95O2-350-CT5 (UL)	Power Cabinet 400kW JC-9HG2-400-CX5 (CE) JC-95O2-400-CT5 (UL)
Electric	Input	3Ø4W, 380VAC, 50/60Hz, Max.385kVA or 440kVA (CE Version) 3Ø3W (no neutral), 480VAC, 60Hz, Max.385kVA or 440kVA (UL Version)	
	Input | THD	< 5%	
	Output	1CH Voltage : 150~1,000VDC(Max) Current : 500A(Max) Max power : 350kW 2CH Voltage : 150~1,000VDC(Max) Current : 500A(Max) Max power : 350kW	1CH Voltage : 150~1,000VDC(Max) Current : 500A(Max) Max power : 400kW 2CH Voltage : 150~1,000VDC(Max) Current : 500A(Max) Max power : 400kW
	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)	
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	
	Dimension	1234(W) x 1,882(H) x 983(D) mm (48.6(W) x 74.1(H) x 38.7(D) inch)	
	Weight	980kg (2,160lb)	

EVSIS chargers are designed in the most efficient way to meet the customer needs through advanced technology.