



SIGNET SYSTEMS INC.

Electric Vehicle Charging Infrastructure Solutions

# DC Fast Chargers

Multi-standard 50kW fast charger - for both CHAdeMO & SAE Combo standards



Type		CHAdeMO + SAE Combo
Model		FC50K-CC
Mechanical Max. Size, Weight		680D*640W*1450H (mm), approx. 180Kg
AC Input	Voltage	3phase 3wire, AC 200 ~ 280V 3phase 4wire, AC 380 ~ 480V
	Frequency	50/60 Hz
	Power Factor	over 0.95
DC Output	Max. Voltage	500 Vdc
	Max. Current	125 Adc
	Max. Power	50 KW
Operating Temperature		-20°C to +40°C
Protective Function		Reverse polarity protection Short circuit protection Over temperature protection Over-voltage / Under-voltage protection Ground fault detection
BMS Communication		CAN2.0A/B [CHAdeMO] PLC [SAE Combo]
Protocol		CHAdeMO protocol Ver0.9 [CHAdeMO] SAE J1772 (IEC 15118) [SAE Combo]
Cooling		Cooling Fans
Compliance and Safety		UL, CE, CHAdeMO, KS
Display	LCD	7 inch Touch Screen
	LED	3 Color LED lights - status indicator
User Recognition		RFID card
Option	Billing	Credit card billing system
	Communication	Data collection, Monitoring and Control (using CDMA or TCP/IP - depends on region) Compliant with Open Charge Point Protocol
Connection	Input	0.6/1KV50SQ/4C
	Output	JEVS G105, YAZAKI (4.5m) [CHAdeMO] J1772, REMA (5m) [SAE Combo]



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