



SIGNET SYSTEMS INC.

Electric Vehicle Charging Infrastructure Solutions

# DC Fast Chargers

Multi-standard 50kW fast charger - for both CHAdeMO & SAE Combo standards  
\*ADA Compliant



Type		CHAdeMO + SAE Combo
Model		FC50K-CC-S
Mechanical Max. Size, Weight		680D*780.4W*1129H (mm) * ADA Compliant
AC Input	Voltage	3phase 4wire, AC 380 ~ 480V (Standard) 3phase 3wire, AC 208 ~ 280V (Optional)
	Frequency	50/60 Hz
	Power Factor	over 0.95
DC Output	Max. Voltage	500 Vdc
	Max. Current	125 Adc
	Max. Power	50 KW
Amperage Requirement for 50kW output		3phase 3wire 208V => 154.39A 3phase 4wire 480V => 66.90 A
Operating Temperature		-25°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		CHAdeMO, KS, cMETus (MET Listed to UL Standards)
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	1KV50SQ/4C
	Output	JEVS G105 [CHAdeMO] J1772 [SAE Combo]



**Marubeni**

Distribution Partner