

CHARGE|MATE CCS2 - KEY FEATURES AND PRODUCT SPECIFICATION

The Charge|Mate CCS2 series is Amphenol's advanced solution for EV charging on DC charging stations and wallboxes.

Smooth handling, service-friendly and reliable safety features combined in one product makes it customers preferred choice for a great user experience.



SERIES	RATED CURRENT	WIRE GAUGE (PER DC)	BOOST MODE
Charge Mate	80 A	16 mm ²	150 A
	150 A	35 mm ²	250 A
	200 A	50 mm ²	300 A
	250 A	70 mm ²	400 A
	350 A	2x50 mm ²	600 A
	380 A	2x55 mm ²	600 A

Criteria	Charge Mate
Charging mode	mode 4
Standards	IEC 62196-1, IEC 62196-3, IEC 62893-4-1
Protection class	IP44 (mated condition) IP67 & IP69 (connector)
Temperature Sensors	PT1000 (on each DC contact)
Mating Force	< 100 N
Mating Cycles	> 10.000 cycles
Operation Temperature	-30°C up to +40°C max. +55°C (at current reduction)



KEY FEATURES:

- Full range of power sizes from 80 to 380A
- Improved protection class IP67 & IP69
- Field-exchangeable mating interface and contacts (all)
- Metering wires
- Great handling by flexible cables
- Designed and produced in EU



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