

# CHARGE|MATE MCS - KEY FEATURES AND PRODUCT SPECIFICATION

The Charge|Mate MCS dry cable is Amphenol's solution for charging all kinds of electric vehicles using the Megawatt Charging System technology. Designed for efficiency, durability, and user-friendly maintenance, it provides a superior experience for both operators and users.

SERIES	RATED CURRENT	WIRE GAUGE (PER DC)	BOOST MODE
Charge Mate	200 A	50 mm <sup>2</sup>	300 A
	400 A	2x55 mm <sup>2</sup>	700 A



Criteria	Charge Mate MCS
Standards	IEC 63379, IEC 62196-3, IEC 62893-4-1
Protection class	IP44 (mated condition) IP67 (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)
Rated Voltage	1.500 V

## KEY FEATURES:

- Perfect for depot and overnight charging
- Compact & robust design
- Field changeable mating interface + contacts (all)
- Protection class IP67
- Great handling by flexible cables
- Less maintenance vs. liquid cooled cables
- Designed and produced in EU



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