

E-Mobility

July 2021

Vehicle inlets

AC charging in Type 1 and Type 2

In January, we released the CHARX Generation 4 Universal vehicle charging inlets for CCS (Combined Charging Systems), capable of accepting DC or AC charge currents. Now, dedicated AC inlets are being introduced. These inlets meet the standard requirements for Type 1, North America and Type 2, Europe. The AC inlets are a perfect fit for any type of electric vehicle where DC charging is not needed. The AC inlets in Type 1 and Type 2 have uniform dimensional characteristics, providing the vehicle manufacturer with one mounting configuration.

The inlets are fully assembled, including locking actuator temperature sensors and dust caps. The current rating for Type 1 is 48 or 80 amps, with Type 2 rated at 32 amps in single or three-phase configurations. Power cables have a standard 2-meter length, with other options available upon request.

Product family	Article number	Article type description	Current rating	Phase	Lock actuator voltage
AC Type 1	1271960	CHARX T1HCI12-1AC48-2,0M1	48	Single	12 V
	1271836	CHARX T1HCI12-1AC80-2,0M1	80	Single	12 V
AC Type 2	1271830	CHARX T2HCI12-1AC32-2,0M2	32	Single	12 V
	1271966	CHARX T2HCI12-3AC32-2,0M2	32	Three	12 V
	1271835	CHARX T2HCI24-1AC32-2,0M2	32	Single	24 V
	1271965	CHARX T2HCI24-3AC32-2,0M2	32	Three	24 V



Type 1 SAE J1772



Type 2 IEC 62196-2