

ChargePoint Flex Series

Specifications and Ordering Information



Ordering Information

The following order codes represent specific product configurations. Other product options are available. Please contact ChargePoint Sales for information and order codes.

Hardware

Order Code	Description
CP840-LTE-ETH-16A3-MID	CP840, EU, AC Station, 1 x Shuttered Socket T2, 16 A, 3-Phase, Wall Mount, Cellular LTE, Wi-Fi/BT, Ethernet, CE, MID, 2 YR Parts Warranty
CP830-LTE-ETH-16A3-L7.5-MID	CP830, EU, AC Station, 1 x Type 2 Cable, 7.5m, 16A, 3-Phase, Wall Mount, Cellular LTE, Wi-Fi/BT, Ethernet, CE, MID, 2 YR Parts Warranty
CP830-LTE-ETH-16A3-L5-MID	CP830, EU, AC Station, 1 x Type 2 Cable, 5m, 16 A, 3-Phase, Wall Mount, Cellular LTE, Wi-Fi/BT, Ethernet, CE, MID, 2 YR Parts Warranty
CP810-LTE-ETH-16A3-MID	CP810, EU, AC Station, 1 x Socket T2, 16 A, 3-Phase, Wall Mount, Cellular LTE, Wi-Fi/BT, Ethernet, CE, MID, 2 YR Parts Warranty
CP840-LTE-ETH-32A1-MID	CP840, EU, AC Station, 1 x Shuttered Socket T2, 32 A, 1-Phase, Wall Mount, Cellular LTE, Wi-Fi/BT, Ethernet, CE, MID, 2 YR Parts Warranty
CP830-LTE-ETH-32A1-L7.5-MID	CP830, EU, AC Station, 1 x Type 2 Cable, 7.5m, 32 A, 1-Phase, Wall Mount, Cellular LTE, Wi-Fi/BT, Ethernet, CE, MID, 2 YR Parts Warranty
CP830-LTE-ETH-32A1-L5-MID	CP830, EU, AC Station, 1 x Type 2 Cable, 5m, 32 A, 1-Phase, Wall Mount, Cellular LTE, Wi-Fi/BT, Ethernet, CE, MID, 2 YR Parts Warranty
CP810-LTE-ETH-32A1-MID	CP810, EU, AC Station, 1 x Socket T2, 32 A, 1-Phase, Wall Mount, Cellular LTE, Wi-Fi/BT, Ethernet, CE, MID, 2 YR Parts Warranty
CP810B-LTE-ETH-16A3-MID-MTR	CP810, EU, AC Station, 1 x Socket T2, 16 A, 3-Phase, Wall Mount, 3.5" Display, Cellular LTE, Wi-Fi/BT, Ethernet, CE, MID, Eichrecht, 2 YR Parts Warranty
CP830B-LTE-ETH-16A3-L7.5-MID-MTR	CP830, EU, AC Station, 1 x Type 2 Cable, 7.5m, 16 A, 3-Phase, Wall Mount, 3.5" Display, Cellular LTE, Wi-Fi/BT, Ethernet, CE, MID, Eichrecht, 2 YR Parts Warranty
CP830B-LTE-ETH-16A3-L5-MID-MTR	CP830, EU, AC Station, 1 x Type 2 Cable, 5m, 16 A, 3-Phase, Wall Mount, 3.5" Display, Cellular LTE, Wi-Fi/BT, Ethernet, CE, MID, Eichrecht, 2 YR Parts Warranty

General Specifications

Connector and Electrical

Connector Type	IEC 62196-2 Type 2 socket IEC 62196-2 Type 2 socket with shutter IEC 62196-2 Type 2 integrated cable
Number of Ports	One
Cable Length	5m, 7.5m
AC Power Input Rating (+/- 10%)	230 V, 50 Hz for 1-phase 400 V, 50 Hz for 3-phase
AC Power Output Rating	Up to 7.4 kW for 1-phase 32 A Up to 11 kW for 3-phase 16 A
Status Indication	LED status light
Authentication	RFID: ISO/IEC 15693, ISO/IEC 14443, MIFARE Tap to Charge (NFC on Apple & Android for supported countries) Remote: mobile and in vehicle (if supported by vehicle)
ISO 15118	Station-to-vehicle communications supported for Plug and Charge.
Mounting	Backplate design for ease of installation
User Interface	3.5" display with capacitive buttons available on Eichrecht (-MTR) models only

Connectivity Features

Network Protocol	OCPP 2.0.1
Wide Area Network (WAN)	LTE Category 4
Local Area Network (LAN)	2.4/5 GHz Wi-Fi Ethernet RJ45 Bluetooth 5.0
Smart Meter Connectivity	MODBUS RTU, P1 DSMR, EnWG, and Linky (RJ12 connector) MODBUS TCP for smart meter on (RJ45 connector)
Active Load Management	CT Coil accessories are available.
Software Updates	Firmware updated over-the-air (OTA)

Safety and Operational Ratings

Residual Current Protection	Integrated 6 mA DC fault current detection
IP Rating	IP56
Impact Rating	IK10
MID Compliance	Yes
Certifications	CE, UKCA, EV READY, MID, Eichrecht
Operating Temperature	-25°C to 50°C (-13°F to 122°F) ambient
Humidity	Up to 95% at 50°C (122°F) non-condensing

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