Datasheet
NewMotion Connect

Version no.:
V0001-DS/NMC/S2-2021

newmotion
A Member of the Shell Group

NewMotion Connect

The NewMotion Connect is a smart, wall-mounted charge point, that allows you to add smart services and manage the charge point remotely. These services enable administration, automation and optimisation for an easy and insightful charging experience.

NewMotion Connect

General Specifications

Model name	NewMotion Connect
Charging mode	Mode 3
Required nominal input voltage	1-phase 230V +/-10% 50Hz or 3-phase 400V (3 x 230V +N) +/-10% 50Hz
kWh measurement	MID-certified meter

Safety and Certifications

Operating temperature range	-30 °C to 50 °C
Operating humidity range	5% to 95%
Communication with EV	✓
Anti-theft The cable is locked during the charging session	✓
Electrical Safety Class	Class I
Protection Class	IK10, IP54
Built-in 6mA DC fault detection*	✓
EU Declaration of Conformity (CE Marking)	✓
Product Standards	IEC 61851-1, IEC 61851-21-2, IEC 62262, IEC 60529, IEC 62955 EV-Ready & designed according to ZE-Ready

Communication

Direct Communication	Bluetooth 5.0
Internet Communication	Ethernet, Wi-Fi 5
Communication Protocol	OCPP 1.6-J
User Access / Authorization	AutoCharge (Default), RFID-reader type Mifare 13,56 MHz (ISO/IEC 14443)
User interface	NewMotion Connect App
Charging status indicator	Multi-colour LED

* Does not replace the RCD in the installation. Always follow local rules and regulation in selecting the right type of RCD.

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Physical Specifications

Enclosure Material	PolyCarbonate Flame-Retardant
Default front side enclosure colour	White (RAL 9010)
Rear side enclosure colour	Grey (RAL 7031)
Dimensions charge point enclosure (HxWxD)	370 x 215 x 179.5 mm
Dimensions box socket-version (HxWxD)	370 x 264 x 267 mm
Dimensions box cable-version (HxWxD)	393 x 296 x 380 mm
Charge point weight	±3.5 kg
Package weight socket-version (full box)	±4.4 kg
Mounting	Wall-mount (wall-mount kit included)

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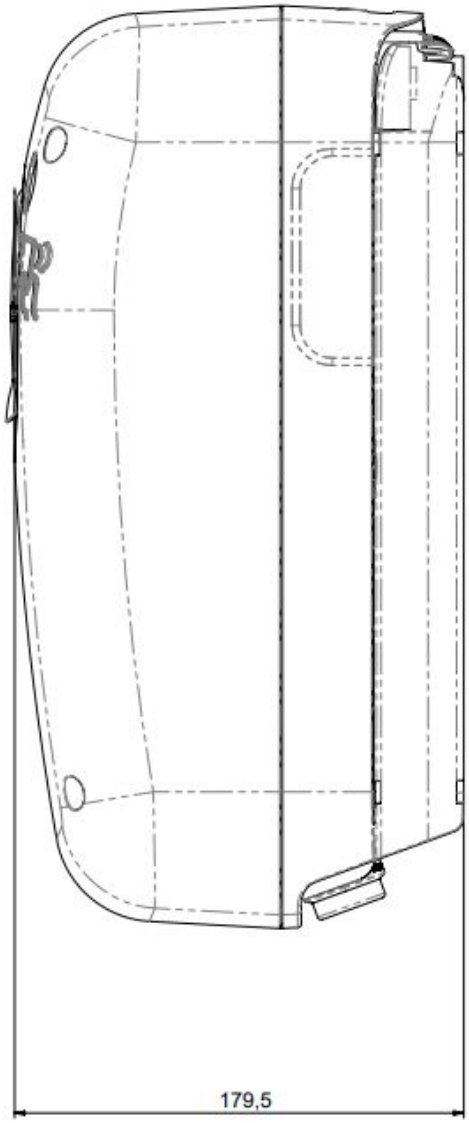
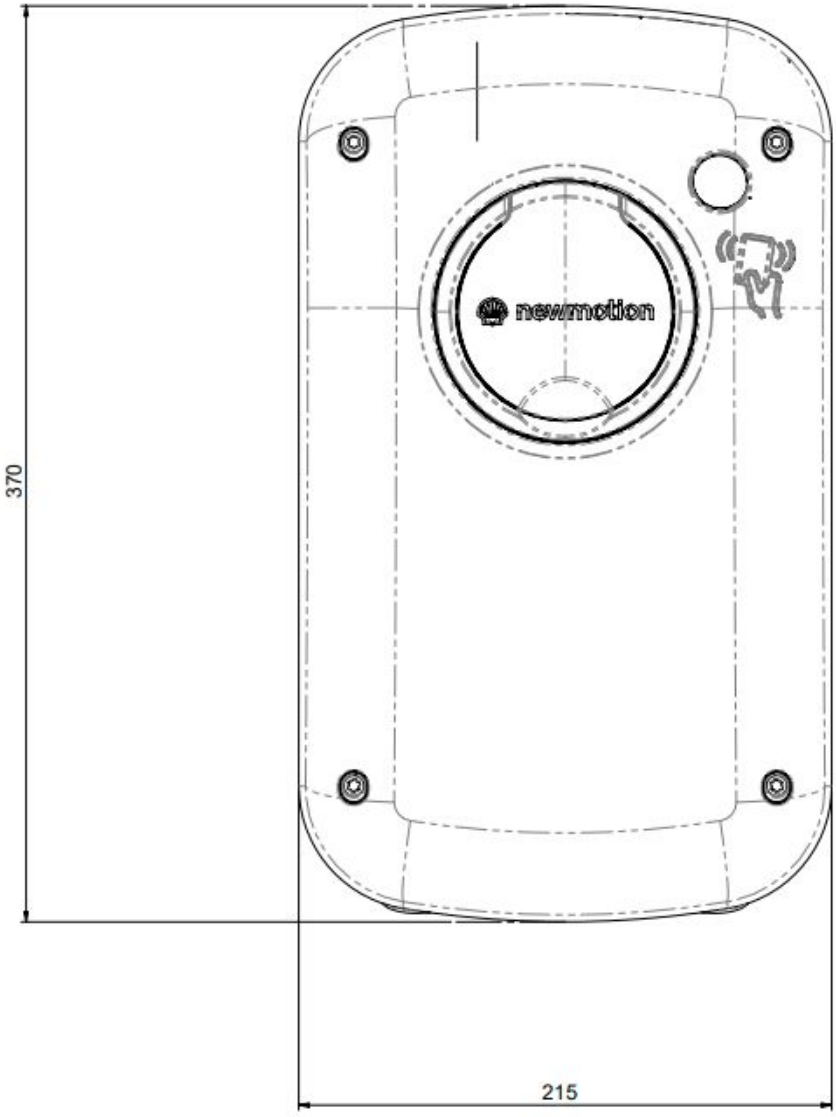
Socket Variants	Product No.
1-phase 32 A, Up to 7,4 kW, Type 2 shutter socket	31110
1-phase 32 A, Up to 7,4 kW, Type 2 socket	31111
3-phase 32 A, Up to 22 kW, Type 2 socket	31112

Tethered Cable Variants	Product No.
1-phase 32 A, Up to 7,4 kW, 5 m type 2 cable	31113
1-phase 32 A, Up to 7,4 kW, 7,5 m type 2 cable	31114
3-phase 32 A, Up to 22 kW, 5 m type 2 cable	31115
3-phase 32 A, Up to 22 kW, 7,5 m type 2 cable	31116

NOTE: The maximum charge capacity of the charge point depends on several factors. This includes; local rules & regulations, the type of EV, temperature, the grid connection at your location and the electricity usage of your building.

Dynamic Power Management (Optional)	Product No.
1-phase module (up to 80 A, max 100 m, powered by the charge point)	45011
3-phase module (up to 80 A, max 100 m, powered by the charge point)	45012

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