

eluminocity

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Light & Charge EV Charger - Pole & Wall Mounting

Data Sheet



eluminocity EV Charger Pole & Wall Mounting



Pole and wall mount EV charging station - conform to the German Weights and Measures Acts.

Charging Capacities:

Single-phase, 3.68 kW (230 V, 16 A)

Three-phase, 11 kW (400 V, 16 A)

Three-phase, 22 kW (400 V, 32 A)

Retrofit solution for existing poles or in conjunction with a new pole.

Housing made of extruded aluminum, anodized, injection molded polyurethane, mechanical socket for improved vandalism protection, illuminated socket and card reader, integrated electronic meter.

Pole / Wall Mounting 3.68 kW, 11 kW, 22 kW

Dimensions	Length L (max): 180 mm Width W (max): 174 mm Height H: 1076 mm
Weight	Single-phase: 20 kg Three-phase: 21 kg
Material and Color	Aluminum (anodized), white aluminum, polyurethane, graphite
Operating Temperature	-30°C - +40°C
Connectivity	GSM Modem, 2.5G Edge and 3G UMTS, vehicle communication standard IEC 61851-22, ISO/IEC 15118 powerline communication, backend communication according to OCPP 1.6
User Guidance	elumino-LED ring
Authentication and Activation	RFID card, mobile phone (QR-code), reservation function supported
Energy Meter	eHZ EDL 21/40, smart meter MID-conform
Connector	Type 2 (EN 62196-2) with shutter (improved vandalism protection) and automatic connector latching
Charging Mode	Mode 3 according to IEC 61851
Charging Power Protection	Input fuse and current limiting via controller
Personal Protection	RCCB-Type. RCCB-Type B functionality via residual current monitoring module (IEC 60364-7-722:2015), Circuit breaker against short circuit
Protection Class	IP 54, IK 10
Wiring Diameters (within the electronic box)	3.68 kW: 3 x 2,5 mm ² 11 kW: 5 x 2,5 mm ² 22 kW: 5 x 6 mm ²
Packaging	Cardboard (1180 x 266 x 260 mm)
Mounting	Pole: Threaded hole or via adapter rail / tape clamp Wall: Appropriate ancors or via adapter rail

Optional	<ul style="list-style-type: none"> · DEHNGuard© overvoltage protection · Fixed charging cable (4 m) · Individual branding (logo, advertising) · Actuator control wire · Pole mounting adapter rail · Wall mounting adapter rail · RFID cards
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