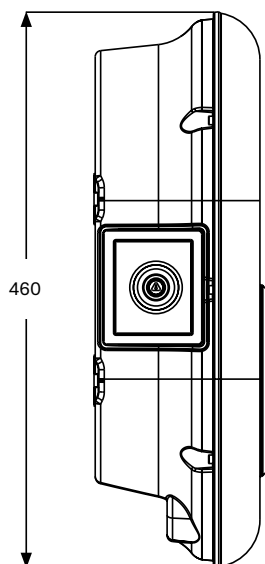
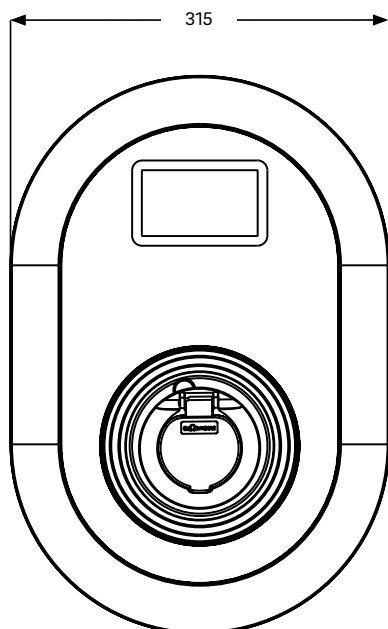




Data sheet

EVC04-E22-WLDM-S / EVC04-E22-WLDM-C



External accessories

User protection installed
in sub-distribution

32 A connection: ABB F204A-40/0.03,
Type A, 4-pin (short time delay
operating voltage: 230/400 V AC)
16 A connection: ABB F204A-25/0.03,
Type A, 4-pin (short time delay
operating voltage: 230/400 V AC)

Short circuit / overload
protection installed in
sub-distribution

Circuit breaker:
32 A connection: ABB S203-NA K40A
(rated switching capacity: 6,000 A)
16 A connection: ABB S203-NA K20A
(rated switching capacity: 6,000 A)

Display / interaction

Dimensions

4.3" TFT LCD

Languages

German, Turkish, French, English,
Italian, Spanish, Romanian, Finnish,
Danish, Norwegian, Swedish, Czech,
Slovakian, Polish, Hungarian, Hebrew

Additional equipments

MID

Class B (1 % accuracy)

Eu grid: compatible to

230 V; 400 V; TN-S; TN-C-S; TT; IT

Connections

WiFi

Yes (2.4 GHz; 5 GHz)

Ethernet

Yes

Cellular SIM

Yes (2G, 3G, 4G)

Webaccess

Yes

Loadmanagement

OCPP Loadmanagement

Fix available capacity shared
dynamic between x units

Local loadmanagement

Dynamic available capacity shared
dynamic between one unit and one
meter/house
Dynamic available capacity shared
dynamic between x units and one
meter/building



Data sheet

EVC04-E22-WLDM-S / EVC04-E22-WLDM-C

General and electrical specifications

Power output	1-phase 1.4 kW (6 A) / 2.3 kW (10 A) / 3.7 kW (16 A) / 4.6 kW (20 A) / 5.8 kW (25 A) / 6.9 kW (30 A) / 7.4 kW (32 A) 3-phase 4.1 kW (6 A) / 6.9 kW (10 A) / 11 kW (16 A) / 13.8 kW (20 A) / 17.3 kW (25 A) / 20.7 kW (30 A) / 22 kW (32 A)
Applications	Indoor and Outdoor
IP	IP54
Operating temperature	-35 °C to +55 °C
Storage temperature	-40 °C to +80 °C
Air humidity	5 % – 95 % (non-condensing)
Max altitude above sea level	4,000 m
UV protection	Outdoor
Protection category	F1
Weight (without MID)	6.4 kg (for socket variant) 8.4 kg (for attached cable variant)
Number of charging ports	1
Plug assembly	Socket variant: Type 2 socket as defined in IEC 62196-2 Attached cable variant: Type 2 vehicle connector defined in IEC 62196-2, vehicle connector holder in front of the cabinet
Cable length (version with cable)	7 m
Backend protocol	OCPP 1.6 JSON

Input power	1-phase 230 V AC, 50 – 60 Hz : 1.4 kW (6 A) / 2.3 kW (10 A) / 3.7 kW (16 A) / 4.6 kW (20 A) / 5.8 kW (25 A) / 6.9 kW (30 A) / 7.4 kW (32 A) 3-phase 400 V AC, 50 – 60 Hz : 4.1 kW (6 A) / 6.9 kW (10 A) / 11 kW (16 A) / 13.8 kW (20 A) / 17.3 kW (25 A) / 20.7 kW (30 A) / 22 kW (32 A)
Output power	1-phase 230 V AC, 50 – 60 Hz : 1.4 kW (6 A) / 2.3 kW (10 A) / 3.7 kW (16 A) / 4.6 kW (20 A) / 5.8 kW (25 A) / 6.9 kW (30 A) / 7.4 kW (32 A) 3-phase 400 V AC, 50 – 60 Hz : 4.1 kW (6 A) / 6.9 kW (10 A) / 11 kW (16 A) / 13.8 kW (20 A) / 17.3 kW (25 A) / 20.7 kW (30 A) / 22 kW (32 A)
Standby power	< 10 W
Charging mode	Mode 3 (IEC 61851-1)
Vehicle communication	PWM pilot signal (IEC 61851-1:2019)
User protection: integrated	Integrated DC 6 mA residual current sensor
Integrated overvoltage protection	ESD, surge, burst, overvoltage
Indication signal for welded power contacts (Welding Detection)	max. 230 V, 1 A, can be used for external shunt trip
Display / interaction	Yes, 4.3" TFT LCD Screen
Measured consumption	Built-in MID Meter with accuracy Class B (1 % accuracy)
Backend link	100 Mbps Ethernet / WLAN 802.11 a/b/g/n/ac 2.4 & 5 GHz with WPA2
Authentication / activation	RFID; E.ON Drive App
Certifications	CE certificate which is tested and confirmed by an accredited lab
Information for use	User Manual and Installation Guideline are included in package
E.ON Drive Branding	Large front sticker for customer branding E.ON logo in Display
Packaging dimensions socket (W x D x H)	520 x 400 x 240 (mm)
Packaging dimensions cable (W x D x H)	530 x 400 x 330 (mm)

