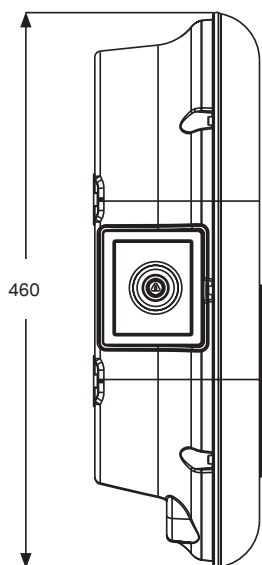
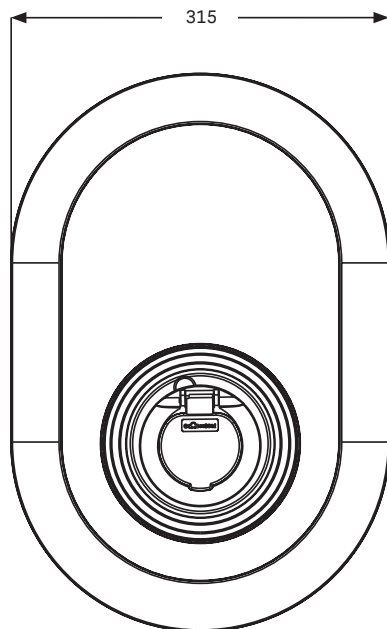




Data sheet

EVC04-E7-W-S / EVC04-E7-W-C



External accessories

User protection installed in sub-distribution	Type A RCD:
	32 A connection: Type A, 2-pole, 40A, 30mA, operating voltage: 230V AC 16 A connection: Type A, 2-pole, 20A, 30mA, operating voltage: 230V AC
Short circuit / overload protection installed in sub-distribution	Circuit breaker:
	32 A connection: 2-Pole, 40A Type C (rated switching capacity: 6,000 A) 16 A connection: 2-Pole, 20A Type C (rated switching capacity: 6,000 A)

Additional equipment

RFID-cards	1 x Master card; 2 x User card
Eu grid: compatible to	230V; TN-S; TN-C-S; TT; IT

Connections

WiFi	Yes (2.4 GHz; 5 GHz)
Ethernet	Yes
Web access	Yes

Load management

OCPP load management	Fix available capacity shared dynamic between x units
	Dynamic available capacity shared dynamic between one unit and one meter/house
Local load management	Dynamic available capacity shared dynamic between x units and one meter/building



Data sheet

EVC04-E7-W-S / EVC04-E7-W-C

General and electrical specifications

Power output	1-phase 1.4 kW (6 A) / 2.3 kW (10 A) / 3.7 kW (16 A) 7.4 kW (32 A)	Output power	1-phase 230 V AC : 1.4 kW (6 A) / 2.3 kW (10 A) / 3.7 kW (16 A) 7.4 kW (32 A)
Applications	Indoor and Outdoor	Standby power	6 W
IP	IP54	Charging mode	Mode 3 (IEC 61851-1)
Operating temperature	-35 °C to +55 °C	Vehicle communication	PWM pilot signal (IEC 61851-1:2019)
Storage temperature	-40 °C to +80 °C	User protection: integrated	Integrated DC 6 mA residual current sensor
Air humidity	5 % – 95 % (non-condensing)	Integrated overvoltage protection	ESD, surge, burst, overvoltage
Max altitude above sea level	4,000 m	Indication signal for welded power contacts (Welding Detection)	max. 230 V, 1 A, can be used for external shunt trip
UV protection	Outdoor	Measured consumption	Onboard power and energy measurement module with accuracy > -95 %
Protection category	F1	Backend link	100 Mbps Ethernet / WLAN 802.11 a/b/g/n/ ac 2.4 & 5 GHz with WPA2
Weight (without MID)	6.4 kg (for socket variant) 8.4 kg (for attached cable variant)	Authentication / activation	RFID; E.ON Drive App
Number of charging ports	1	Certifications	CE certificate which is tested and confirmed by an accredited laboratory
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	Information for use	User Manual and Installation Guideline are included in package
Cable length (version with cable)	5m (+/- 5%)	E.ON Drive Branding	Large front sticker for customer branding
Backend protocol	OCPP 1.6 JSON	Packaging dimensions socket (W x D x H)	520 x 400 x 240 (mm)
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), 7.4 kW (32 A)	Packaging dimensions cable (W x D x H)	530 x 400 x 330 (mm)

