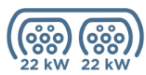# VESTEL

MOBILITY

Data sheet
EVC 05

EVC05 is robust and perfectly equipped for public spaces.

With two charging points in a solid form, charging infrastructure can be set up quickly and cost efficiently.

www.vestel-evchargers.com

Highlights

Version: 05/2024

Up to 22 kW AC charging each charging socket

Easy installation and service

RFID activation already included in

Vandal-proof metal body

10.4'' Display

Online via Cellular, Wi-Fi or Ethernet

Highlights

Version: 05/2024

Build your charging network in public areas

From car parks to urban charging hubs, EVC05 series are fit for many public charging use cases with all connectivity options. Thanks to its robust structure, EVC05 can be used outdoor in all seasons.

All protection and metering devices included

EVC05 is ready for cost-effective installation with its structure including RCD-A and MCB. RCD-A can be reactivated remotely by using remote reclosure. Also EVC05 provides reliable billing to the end user with MID approved meter.

Big user interface via touch-screen

With resistive touch technology, you can choose your socket and start your charging session even in tough weather conditions

Technical data

Version: 05/2024

General information

Charging mode	AC, mode 3
Number of charging points	2
Charging connector	AC Type-2 Socket or tethered cable
Cable length	5 meters
IT backend connection	OCPP 1.6 JSON
Package dimensions (HxWxD)	1575x800x390 mm

Mechanical details

Mounting type	Floor mounted
Enclosure material	Metal
Dimensions (HxWxD)	1530x575x205 mm
Weight	80 kg

Electrical data

Max. charging output per charge point	2x22 kW
Input: Nominal voltage, number of phases	3-P; 400 Vac±10%, 50/60 Hz
Output: Voltage	400V
Output: Current	10-13-16-20-25-30-32A
Stand-by power consumption	< 21W
Earthing system	3L+N+PE (TN, TT)
IEC Protection class	Class I
DC Residual Current Sense	6 mA
Built-in RCCB	Type-A High Immunity
Built-in MCB	40A Type C
Internal Protection	Over Current, Over Voltage, Under Voltage, DC/AC Residual Current, Over Temperature, Short Circuit, Socket Interlock, Surge/Lightning, Earth Fault, Phase- Neutral Reverse Detection

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VESTEL

MOBILITY

Technical data

Version: 05/2024

Connectivity

Communication interface	Wi-Fi, Ethernet, Cellular (2G/3G/4G)
Protocols for communication with IT backend	OCPP 1.6 JSON
Authentication methods	Free mode, RFID, OCPP
User Interface	Web Configuration user interface
Display	10.4''
Built-in MID Meter	Accuracy Class B (% 1)

Certification

IP protection class	IP 54
Impact resistance	IK 10
Approvals	CE, RoHS, REACH, GPSD, WEEE
Standards	IEC 61851-1/21-2, IEC 60950-1/22, IEC TS-62763, EN 61000-6-1/2/3/4,EN 301 489-1/3/17/52, EN 300 328, EN 301 893, EN 301 511, EN 301 908-1, EN 300 330

Environmental conditions

Environmental operating temperature	-25°C to + 50 °C
Humidity	5 % - 95 % (Rel. humidity, non-cond.)
Cooling	NA
Areas of use	Internal & External areas
Operating altitude above sea level	0 - 3000 m

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CE

VESTEL

MOBILITY

Technical data

Version: 05/2024

Product versions

MODEL DESCRIPTION : EVC05-AC****-*
EVC05   : Electric Vehicle AC Charger (Mechanical Cabinet 05)
1st Asterisk (*)   : Rated Power

    44   : 22 kW with dual outlet (3Phase Supply Equipment)
    22   : 11 kW with dual outlet (3Phase Supply Equipment)

2nd Asterisk (*) can include combinations of the following communication module options. RFID reader is standard equipment for all of the model variants. "S" option must be included for selecting combinations of W, L and P:

    Blank : No connectivity module except RFID readeR
    W   : Wi-Fi module or WiFi & Bluetooth module
    L   : LTE / 3G / 2G module

3rd Asterisk (*) can be one of the following:

    D   : 10.4" display with touchscreen

4th Asterisk (*) can be one of the following:

    MID   : Charging unit with MID meter.

5th Asterisk (*) can be one of the following:

    Blank : No RCCB resclosure
    R   : Charging unit with RCCB Reclosure Unit

7th Asterisk (*) can be one of the following:

    Blank : Case-B Connection with normal socket
    T2S   : Case-B Connection with shuttered socket
    T2L   : Case-B Connection with LID socket
    T2P   : Case C Connection with Type-2 plug

VESTEL
MOBILITY

Data sheet | EVC 05

Technical data

Version: 05/2024

Technical drawing

1500

575

205

VESTEL

MOBILITY