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EVB ADVERT AC





TYPE

EVB charging station for electric vehicles.

MODELS / DESIGNATIONS

EVB ADVERTISEMENT / F0, FS, FM.

APPLICATION

Outdoor surface parking spaces; retail, commerce, city centers, road lanes, heavy vehicle and pedestrian areas.

DESCRIPTION

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Up to 4 charging points, freestanding, mounted on concrete foundations.

HOUSING DESIGN

Steel, aluminum of protection class I or II (any color). In the front and rear parts, permanently embedded tempered glass, 5-6 mm thick, printed or covered with foil (any graphics). The enclosure sits on an aluminum plinth.

POWER SUPPLY

Bottom, 6-120 mm².

POINT CHARGING POWER

3.7 kW; 7.4 kW; 11 kW; 22 kW, 43 kW with alternating current.

CHARGING POINT CONNECTIONS

Up to 4 charging points, AC socket type-2, plug with mains plug type-2, length of charging cable up to 5m, spiral or straight cable, locking socket, automatic locking of plug.

EQUIPMENT

Measurement of energy consumption at each charging point and factorization measurement according to OSD standard, overvoltage, overcurrent and residual current protection, monitoring of voltage insulation, main circuit breaker, ventilation and heating.

CHARGE SIGNALING

LEDs (RGB) indicating the different charging stages.

INTERFACE

8 or 10-inch color-resistant touchscreen with up to 1280x800 resolution.

ACCESS

Open, key, button, code, RFID card, app, payment card.

COMMUNICATION

OCPP 1.6 J-SON, Aurora OS (mobile application, station management system), payment card terminal. The station can be accessed by providing an API.

MULTIMEDIA

Outdoor screen 55-75 inches, 4H UHD 3820x2160 with an advertising content management system (single-sided or double-sided), illuminated city light as an advertising medium.

ADDITIONAL EQUIPMENT

GPS locator, wide angle security camera, WIFI access point, 112 communication, temperature sensor, humidity sensor, smog sensor.

ACCESSORY

1 x concrete slab FB, 2 x concrete foundation FB, protective post SO.

POWER SUPPLY SPECIFICATIONS

Cross section of the supply cable [mm ²]	6-120
Type of power supply	3xL+N+PE
Network layout	TN-S, TNC-S, TT
Rated switching voltage [V] (+/- 10%)	400
Rated insulation voltage [V]	500/690
Nominal frequency [Hz]	50/60
Withstands surge voltage [kV]	8
Rated connection power [kW]	92
Rated connection current [A]	125
Surge protection	Type 2

TECHNICAL PARAMETERS OF THE CHARGING POINTS

Type of socket	Type 2, 230 V/16A
Type of plug	Type 2
Length of the charging cable [m]	4,8-5
Voltage [V]	230/400
Rated charging point current [A] AC	up to 32
Rated power of the charging point [kW] AC	up to 22
Rated power of the station [kW] AC	up to 44

TECHNICAL SPECIFICATIONS OF THE HOUSING

Dimensions (H/W/D) [mm]	2200/906/330
Material	Steel, aluminium
Protection class	I/II
IP/IK protection class	54/10
Weight [kg]	190
Operating temperature [st. C]	25
Moisture content [%]	95
Noise Level [dB]	<10
Installation	4 x fi10; 4xM12

STANDARDS

PN-EN-61851-1_2011E	Electric vehicle conductive charging system -- Part 1: General requirements
PN-EN-61851-22:2002	Electric vehicle conductive charging system - Part 22: AC electric vehicle charging station
PN-EN 61439-1:2011	Low-voltage substations and control gear - Part 1: General rules
PN-EN 61439-3:2012	Low-voltage substations and control gear -- Part 3: Distribution board stations intended for use by persons other than the public (DBO)
PN-EN 61439-5:2015	Low-voltage substations and control gear -- Part 5: Sets for power distribution in public networks
PN-EN 50274:2004	Low-voltage substations and control stations -- Protection against electric shock -- Protection against unintentional direct contact with hazardous live parts
PN-EN 62208:2006	Empty enclosures for low-voltage substations and control rooms -- General requirements
PN-E 05163	Shielded low-voltage substations and switchgear -- Test guidelines for arc-discharge conditions resulting from internal short circuits
PN-EN 60695	Fire hazard testing - Part 11-10: Test flames - 50 W flame test methods for horizontal and vertical specimen alignment
PN-EN ISO 14040:2009	Environmental management -- Life cycle assessment -- Principles and structure
PN-EN ISO 14044:2009	Environmental management -- Life cycle assessment -- Requirements and guidelines
PN-EN 62196-1:2015-05	Plugs, socket-outlets, vehicle couplers and vehicle inlets -- Conductive charging of electric vehicles -- Part 1: General requirements
PN-EN 62196-2:2017-06	Plugs, socket-outlets, vehicle couplers and vehicle inlets -- Conductive charging of electric vehicles -- Part 2: Dimensional compatibility and interchange- ability requirements for a.c. plug and socket contact products
ISO/IEC 14443	Identification cards - Proximity chips - Proximity cards
ISO/IEC 15693	Identification cards - Proximity chips - Proximity cards
PN-EN 61000-6	Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity for industrial environments

TECHNICAL DRAWING



Type/Designation: **Digital Signage Android Player**
 Name: Content Management Software for Remote Monitor

Short description: This software allows you to manage content on your monitor from anywhere with an internet connection - just log in to the relevant website, upload videos, images, webpages, RSS feeds, remote content, divide the screen into any number of screen areas of any size and position, and much more. The big advantage of Central Stacks software is that the server is in the cloud, so the client does not need to install and maintain it on its side, and therefore the content of any connected media can be managed anywhere and on any device by logging into the server through a web browser.

Our billing model for Central Stacks licenses is also very simple and transparent, unlike many other systems on the market, since the annual license price already includes all the costs incurred by the customer for the system including server maintenance, etc., so at each stage of the project the customer knows exactly how much it will cost him to expand the DS network with additional installations.



CONTACT US

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