



EV3 Advert AC/DC

3500 nitów | 4K | 65-75 cali | Digital Out-Of-Home

Why EVB Advert AC/DC?

Modern, multifunctional electric vehicle charging station

High power and DOOH technology

- Modern, multifunctional electric vehicle charging station
- Combines high charging power – up to 240 kW
- Visual communication capabilities in DOOH (Digital Out-Of-Home) standard

Integrated LED screen

- LED screens with diagonal sizes of 65 and 75 inches
- Allows for the display of advertising, informational, and promotional content
- Creating a unique connection between electric mobility infrastructure and premium multimedia

Design and Smart City

- Modern design, customizable housing options
- High-quality components make it an attractive service and media point
- But also an additional source of revenue from digital advertising

An ideal commercial solution

- Provides an ideal solution for commercial, urban, and roadside locations
- Offering not only fast and safe charging
- But also an additional source of revenue from digital advertising

Available AC models



Model	EAAC 1×75 1×22	EAAC 2×75 1×22	EAAC 1×75 2×22	EAAC 2×75 2×22
Output current / power	32 A / up to 22 kW AC	32 A / up to 22 kW AC	2 × 32 A / 2 x up to 22 kW AC	2 × 32 A / 2 x up to 22 kW AC
Number of connectors / standard	1 x type 2	1 x type 2	2 x type 2	2 x type 2
Cable type	Spiral / straight			
Cable length (m)	from 5 / 8*			
DOOH	1 or 2 75-inch panels 3000-3500 nits, 4K (3640×2460px) placed under 6 mm tempered glass. Non-touch screen, automatic brightness adjustment (sensors and dimmers). Space for an external camera. Option: touch version panels, 65-inch screens.			
Basic equipment	EV: type 2 plug power 22 kW, RCD type B, MCB, MID meter (modbus, RS485), OCPP 1.6J protocol + LTE modem, RFID 13.56 MHz, EVSE controller (3.7; 7.4; 11, 19 and 22 kW), *credit card terminal. DOOH: 1 × 75-inch screen, 4 × 230 V sockets on a rail, *LTE modem, *Digital Signage controller with subscription	EV: type 2 plug power 22 kW, RCD type B, MCB, MID meter (modbus, RS485), OCPP 1.6J protocol + LTE modem, RFID 13.56 MHz, EVSE controller (3.7; 7.4; 11, 19 and 22 kW), *credit card terminal. DOOH: 2 × 75-inch screens, 4 × 230 V sockets on a rail, *LTE modem, *2 x Digital Signage controllers with subscription	EV: 2 x type 2 plug power 22 kW, RCD type B, MCB, MID meters (modbus, RS485), OCPP 1.6J protocol + LTE modem, RFID 13.56 MHz, EVSE controller (3.7; 7.4; 11, 19 and 22 kW), *credit card terminal. DOOH: 1 × 75-inch screen, 4 × 230 V sockets on a rail, *LTE modem, *1 x Digital Signage controller with subscription	EV: 2 x type 2 plug power 22 kW, RCD type B, MCB, MID meters (modbus, RS485), OCPP 1.6J protocol + LTE modem, RFID 13.56 MHz, EVSE controller (3.7; 7.4; 11, 19 and 22 kW), *credit card terminal. DOOH: 2 × 75-inch screens, 4 × 230 V sockets on a rail, *LTE modem, *2 x Digital Signage controllers with subscription
Housing	Galvanized steel sheet with a zinc powder coating for outdoor use (any RAL color). Fronts filled with 6mm tempered glass (painted, option for any illuminated logo). Housing dimensions (h/w/d): 2500/1180/320 mm. Cooling with fans and temperature control system. *CMS (Cable management system)			

*optional equipment / additional charge

Available DC models



Model	EAADC 1×75 40+22 EAADC 2×75 40+22	EADC 1×75 80 EADC 2×75 80	EADC 1×75 160 EADC 2×75 160	EADC 1×75 240
Output current / power	125 A / 40 kW DC + up to 22 kW AC	150 A / 80 kW	375 (500) A / 160 kW	500 A / 240 kW
Number of connectors / connector standard	1 x CCS2 + 1 x type 2	2 x CCS2	2 x CCS2	2 x CCS2
Type of cable	Simple DC / Simple AC			
Cable length (m)	from 5 / 8*			
DOOH	1 or 2 75-inch panels 3000-3500 nits, 4K (3640×2460px) placed under 6 mm tempered glass. Screen without touch functionality, automatic brightness adjustment (sensors and dimmers). Space for an external camera. Option: touch version panels, 65-inch screens.			
Basic equipment	EV: plugs: CCS-2 40 kW DC, type 2 power 22 kW AC, RCD type B, MCB, MID meter (modbus, RS485), OCPP 1.6J protocol + LTE modem, RFID 13.56 MHz, EVSE controller (3.7; 7.4; 11, 19, and 22 kW), *credit card terminal. DOOH: 1 × 75-inch screen, 4 × 230 V sockets on a rail, *LTE modem, *Digital Signage controller with subscription	EV: plugs: 2 x CCS-2 kW DC, RCD type B, MCB, MID meter (modbus, RS485), OCPP 1.6J protocol + LTE modem, RFID 13.56 MHz, EVSE controller, *credit card terminal. DOOH: 1 × 75-inch screen, 4 × 230 V sockets on a rail, *LTE modem, *Digital Signage controller with subscription	EV: plugs: 2 x CCS-2 kW DC, RCD type B, MCB, MID meter (modbus, RS485), OCPP 1.6J protocol + LTE modem, RFID 13.56 MHz, EVSE controller, *credit card terminal. DOOH: 1 × 75-inch screen, 4 × 230 V sockets on a rail, *LTE modem, *Digital Signage controller with subscription	EV: plugs: 2 x CCS-2 kW DC, RCD type B, MCB, MID meter (modbus, RS485), OCPP 1.6J protocol + LTE modem, RFID 13.56 MHz, EVSE controller, *credit card terminal. DOOH: 2 × 75-inch screens, 4 × 230 V sockets on a rail, LTE modem, *2 x Digital Signage controllers with subscription.
Enclosure	Galvanized steel sheet with a zinc powder coating for outdoor use (any RAL color). Fronts filled with 6mm tempered glass (painted, possibility of any illuminated logo). Enclosure dimensions (h/w/d): 2490/1180/400 (450) mm. Cooling with fans and temperature control system. *CMS (Cable management system)			

*optional equipment / additional charge

Available satellite models
for EVB Power HUB



Power Model Satellite Advert	EVБ ADDC -375 HP	EVБ ADDC -600 HP	EVБ ADDC -800 HP	EVБ ADDC -1000 HP
Output Current	375 A	600 A	800 A	1250 A
Number of Connectors / Connector Standard	1 or 2 / CCS-2	1 / CCS-2	1 / CCS-2	1 / MCS
Connector Cooling Method	Air	LIQUID	LIQUID	LIQUID
Cable Length (m)	8			
Boost Function	500 A	800 A	1000 A	none
Basic Equipment	EV: plugs: 1/2 x CCS-2 kW DC, RCD type B, MCB, MID meter (modbus, RS485), OCPP protocol 1.6J + LTE modem, RFID 13.56 MHz, EVSE controller, *credit card terminal	EV: plugs: 1 x CCS-2 DC, RCD type B, MCB, MID meter (modbus, RS485), OCPP protocol 1.6J + LTE modem, RFID 13.56 MHz, EVSE controller, *credit card terminal	EV: plugs: 1 x CCS-2 DC, RCD type B, MCB, MID meter (modbus, RS485), OCPP protocol 1.6J + LTE modem, RFID 13.56 MHz, EVSE controller, *credit card terminal	EV: plugs: 1 x CCS-2 DC, RCD type B, MCB, MID meter (modbus, RS485), OCPP protocol 1.6J + LTE modem, RFID 13.56 MHz, EVSE controller, *credit card terminal
DOOH	75-inch panels 3000-3500 nits, 4K (3640×2460px) placed under 6 mm tempered glass. Non-touch screen, automatic brightness adjustment (sensors and dimmers). Space for an external camera. Option: panels in touch version, 65-inch screens.			*optional equipment / additional charge

Technical Specification EVB ADVERT AC/DC

Technical Parameters of Charging Points	
Rated Voltage	CCS-2, Type-2
Input Voltage Range	DC: 32 - 500, AC: 32 - 63
Output Voltage Range	150-1000 VDC, 400 VAC
Charging Standard	Mode 4, Type 2, IEC 61851, IEC61851-23, IEC 61851-24, ISO 15118, DIN 70121, IEC 61851-1, IEC
Communication Standard	ISO 15118, DIN 70121, V2X*,
Charging Cable Length [m]	5/8
Power Factor	0.98
Communication Protocol	OCCP 1.6J (2.0 ready)
Change Station Parameters	Firmware Upgrade
Communication	LTE, GSM, ETHERNET
DC Interface	10-inch TFT Screen
Payment	*Payment Card Terminal
Technical Parameters of Power Supply	
Cross-section of Power Cable [mm2]	CCS-2, Type-2
Type of Power Supply	DC: 32 - 500, AC: 32 - 63
Network Configuration	150-1000 VDC, 400 VAC
Rated Connection Voltage [V] (+/- 10%)	Mode 4, Type 2, IEC 61851, IEC61851-23, IEC 61851-24, ISO 15118, DIN 70121, IEC 61851-1, IEC 62196-2
Rated Insulation Voltage [V]	ISO 15118, DIN 70121, V2X*,
Rated Frequency [Hz]	5/8
Withstand Impulse Voltage [kV]	0.98
Rated Connection Power [kW]	OCCP 1.6J (2.0 ready)
Rated Connection Current [A]	Firmware Upgrade
Surge Protection	LTE, GSM, ETHERNET
Technical Parameters of Enclosure	
Dimensions (H/W/D) [mm]	2500/1180/320 AC/AC+DC 2490/1180/400 (450) DC
Packaging Dimensions [cm]	2850/1400/500 (approx.)
Material	Galvanized Steel, Tempered Glass
Color Scheme	Any RAL
Protection Class	I
IP/IK Protection Degree	65/10
Weight [kg]	120-700
Operating Temperature [°C]	-30 to +55
Humidity [%]	95
Noise Level [dB]	<60
Mounting	6xM12

ADVERTISING SCREEN	
Construction	SEMI INDOOR, vertical
Diagonal	65-75
Brightness (nits)	3000/3500
Static Contrast	1200:1
Resolution	4K (3640×2460px)
Connection	HDMI 2.0, *PC unit option
Power Consumption	745 - 775 W



Technical specification EVB ADVERT AC/DC

Standard	Title
PN-EN IEC 61851-1:2019-10	Wired charging system for electric vehicles — Part 1: General requirements
PN-EN 61851-21-1:2018-02	Wired charging system (batteries) for electric vehicles - Part 22: Charging stations for electric vehicle batteries powered by AC mains
PN-EN IEC 61851-23:2021-06	Low voltage stations and controllers - Part 1: General provisions
PN-EN IEC 61851-23:2021-06	Low voltage stations and controllers - Part 3: Panel-mounted stations intended for use by untrained persons (DBO)
PN-EN IEC 61851-21-2:2021-09	Low voltage stations and controllers - Part 5: Power distribution sets in public networks
PN-EN IEC 61439-1:2021-10	Low voltage stations and controllers - Protection against electric shock - Protection against unintended direct contact with live parts
PN-EN IEC 61439-5:2024	Empty enclosures for low voltage stations and controllers - General requirements
PN-EN 50274:2004	Low voltage stations and controllers - Guidelines for testing under arcing fault conditions resulting from internal short circuits
PN-EN IEC 62208:2024	Fire hazard testing - Part 11-10: Flame test methods - Testing methods for a 50 W flame in horizontal and vertical sample orientations
PN-EN 60695-11-10:2014-02	Environmental management - Life cycle assessment - Principles and framework
PN-EN 62196-1:2023-07	Environmental management - Life cycle assessment - Requirements and guidelines
PN-EN 62196-2:2023-07	Plug connectors for vehicle connections and vehicle plugs - Wired charging of electric vehicles - Part 1: General requirements
PN-EN 62196-3:2023-07	Plug connectors for vehicle connections and vehicle plugs - Wired charging of electric vehicles - Part 2: Requirements for dimensional compliance and interchangeability of AC products with pin and sleeve contacts
PN-EN 61000-1-2:2016-11	Plug connectors for vehicle connections and vehicle plugs - Wired charging of electric vehicles - Part 3: Requirements for dimensional compliance and interchangeability of vehicle connectors d.c. and a.c./d.c. with pin and sleeve contacts
PN-EN IEC 61000-6-1:2019-03	Identification cards - Proximity integrated circuits - Proximity cards
PN-EN 60529:2003	Identification cards - Proximity integrated circuits - Proximity cards

Standard	Title
PN-EN 62262:2003	Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity in industrial environments
PN-EN 62752:2016	Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity in industrial environments
PN-EN 50620:2017-07	Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity in industrial environments
PN-EN 61140:2016-07	Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity in industrial environments
PN-EN ISO 15118-1:2019-07	Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity in industrial environments
PN-EN ISO 15118-2:2016-06	Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity in industrial environments
PN-EN ISO 15118-3:2016-06	Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity in industrial environments
PN-EN ISO 15118-4:2019-05	Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity in industrial environments
PN-EN ISO 15118-5:2019-05	Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity in industrial environments
PN-EN ISO 15118-5:2019-05	Wired charging system for electric vehicles — Part 1: General requirements
PN-EN ISO 15118-8:2021-03	Wired charging system (batteries) for electric vehicles - Part 22: Charging stations for electric vehicle batteries powered by AC mains
PN-EN ISO 14040:2009	Low voltage stations and controllers - Part 1: General provisions
PN-EN ISO 14044:2009	Low voltage stations and controllers - Part 3: Panel-mounted stations intended for use by untrained persons (DBO)
ISO/IEC 14443	Low voltage stations and controllers - Part 5: Power distribution sets in public networks
ISO/IEC 15693	Low voltage stations and controllers - Protection against electric shock - Protection against unintended direct contact with live parts
	Declaration of conformity issued in accordance with ISO/IEC 17050-1:2010 and ISO/IEC 17050-2:2005



Contact

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