

ENSTO

CHAGO MEDIA

Combining EV charging with outdoor advertising

Chago Media is an EV charging station unlike any other: its stunning display and durable design creates a perfect fit for outdoor advertising combined with electric vehicle charging.

Chago Media is an electric vehicle charging station and commercial advertising screen that solves the investment challenges related to the construction of charging networks: Income from the sales of advertising space can be used to fund the investments in building charging infrastructures.

EV charging and advertising display

Ensto has collaborated together with Symbicon – pioneers in designing and manufacturing digital display technology – to develop the ultimate advertising charging station.

Stylish design

Chago Media has a stunning, slim design and upgraded features that enable perfect fit and flexibility for urban installations. Including one or two EV charging points, Chago Media is safe and easy to use. It comes with a Mode3 Type 2 connector (3 x 32A) complying with the IEC standard. A three-color LED indicator on the charging station shows the charging status, also indicating any error situation.

Cloud service

Chago Media is fully operational with Chago EV Cloud: a cloud-based software for technical service, remote support, preventive maintenance and load management. This means Chago Media is ready 24/7 with the most cost-effective charge.

Display technology for demanding conditions
The 55" display is suitable in all weather conditions for the most demanding outdoor use, without compromising customization possibilities or appearance.

Ensto is a leading solution provider of smart EV charging infrastructure and services. Our thousands of chargers in operation across Europe prove their reliability while contributing to a profitable charging business and a cleaner environment.

www.ensto.com



Technical specifications

Dimensions	1,302 x 2,220 x 185mm (2 charging points) 1,142 x 2,220 x 185mm (1 charging point)
Enclosure class	IP54
Impact resistance class	IK10
Operating temperature	-30...+50°C
Humidity	90% (non condensing)
Material / color	Acid proof steel (AISI316)
Approval, markings	CE, RoHS
Charging point access control	Charging start / stop alternatively operated by RFID (ISO/IEC 14443A/B ISO/IEC 15693) Mobile phone
No. of charging points	1-2 Mode 3 Type 2
No. of simultaneous users	1 (PRE100), 2 (PRE200)
Nominal charging power	22kW / Charging point
Nominal voltage and frequency	230/400 VAC, 50Hz
Nominal charging current	max. 3 × 32A (Mode 3)
Charging connection to EV	Mode 3 charging (max. 22kW)
Charging status indication	3 color LED signal light (green, blue, red)
Energy measurement	Integrated, option: MID class kWh metering
Nominal supply	230/400VAC, 50Hz
Access control	RFID (ISO/IEC 14443A, ISO/IEC 15693) Mobile phone (SMS, call)
Supply connections	L1, L2, L3, N, PE Cu 2.5 - 50mm ² , Al 6 - 50mm ²
Communication	GPRS (3G, WiFi), RS485
Communication with back-end	2G/3G, Ethernet WiFi OCPP 1.5/1.6
Standards	IEC 61851-1, EN61439-1, EN61439-3
Functional features	Status indication 3 color LED signal light Residual current protection (RCD) Plugging and unplugging done unpowered Low control voltage 12V Over current protection
Screen type	LCD Portrait 16:9, LED-backlight
Screen size	55" Diagonal, viewing angle: 89/89°
Active area	1209.6mm x 680.4mm
Resolution	FullHD 1920 x 1080 pixel
Pixel pitch	0,630 mm
Brightness	2500nits
Contrast ratio	5000 : 1
Glass	Outdoor safety glass, 6-8mm
PC	AOpen DE67-HA i5 2nd Gen, 4-8GB RAM, 160-320GB SATA HDD Kontron KTQM67 i5 2nd Gen, 4-16GB RAM, 160-320GB SATA HDD
Operating system	Windows 7
Connectivity	Ethernet, 2G/3G
Power consumption	Typical 350W, Max 1050W
Optional features	<ul style="list-style-type: none"> • Overcurrent protection (Miniature Circuit Breaker, MCB) standard • 6mA DC residual current monitoring (RCMB) standard • Residual current protection (RCD, Type A standard, Type B optional) • Automatic reset of RCD and RCD remote test • Automatic release for Mode 3 socket in case of sudden power outage • Surge, overvoltage protection • IEC15118 • Temperature sensor • Tilt sensor • MID class kWh metering

Product dimensions



Chago Media
electric vehicle charging
and outdoor advertising
combined

