

EVSE HMI v2.0 OCPP

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EVSE HMI | EVSE Solutions



Features

- OCPP v1.5, v1.6 or v2.0 for public EV Chargers
- Supports Capacitive Touch Panel
- Supports up to 2 charging sockets simultaneously
- Onboard Ethernet, USB, Micro SD card connections
- Supports 7" TFT LCD with 800x480 resolution (can also support up to 10" with 1280x720 resolution)
- Rs485, RS232, TCP/IP interfaces
- 1W mono speaker output
- Optional Wifi, BT, 3G/LTE modules
- Payment Collection over RFID/NFC, Mobile Payment

Electrical Properties

Supply Voltage 12VDC

Supply Current 0,5A

CPU & Memory

CPU 500MHZ ARM Cortex-A5 (ATSAMA5D28 secure processor)

Volatile Memory 256MB DDR3

Non-volatile Memory 256MB SLC Nand Flash

User Interface & Control

Input Capacitive Touch Panel via I2C interface

Display Up to 10" TFT LCD w/parallel RGB interface

Display resolution Up to 1280 x 720 (standard 800 x 480)

Operating System Linux kernel 4.9.87

UI language Expandable (standard Turkish, English)

Audio 1W mono audio amplifier & speaker output

Charging status indicator RGB led driver per each charging socket

Admin menu Authentication via Technical Service PIN & ID

Environment

Operating Temperature -10 °C to +50 °C, >50 °C current de-rating

Storage Temperature -25 °C to +80 °C

Humidity <95% relative humidity, non-condensing

Mechanical Design

Cooling Natural air convection

Dimension (W x L x H) 100 mm x 162,5 mm x 15,5 mm

Regulation

Compliance OCPP v1.5, v1.6 or v2.0

Specifications are subject to change without prior notice. Product look varies with model and configuration.