

SDM630-EV Eichrect Approved Meter for EV chargers

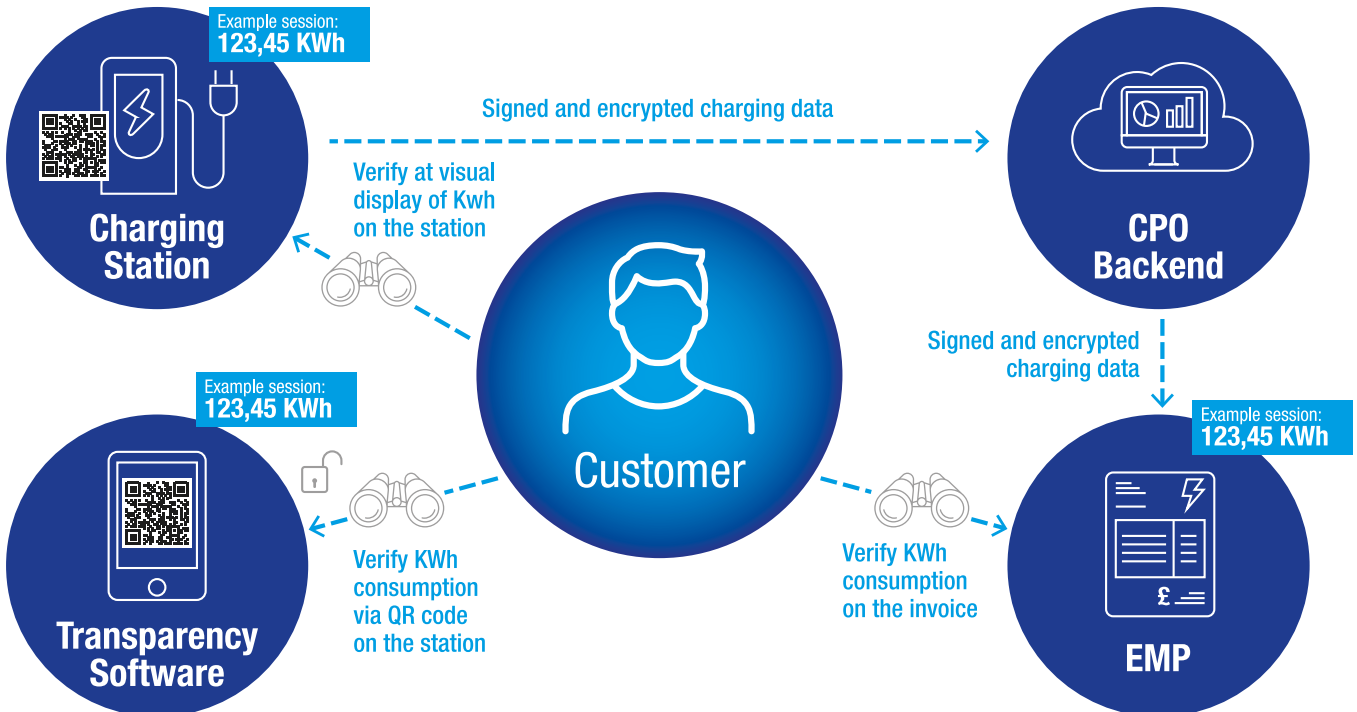


To date we are used to having transparency when filling up at a petrol station. There is a comprehensive display of the quantity of fuel pumped, price per litre and total amount.

Therefore, it is only natural for an EV driver when charging their car at a charging station to have the same level of transparency. The Eichrecht measurement and calibration act, which is an amendment to Measuring and Verification Act (Mess und Eichgesetz / MessEG) and the Measuring and Verification Ordinance (Mess- und Eichverordnung / MessEV) is the solution giving the user transparency for detailed billing for each charging event. The SDM630-EV has been designed specifically for use within Electric-Vehicle Infrastructure. Featuring high temperature operation and digital signing for charging events.

The characteristics of single phase two wires (1P2W) and Three phase Four wires (3P4W) Supplies, including voltage, Frequency, Current, Power, Power Factor, Active and reactive energy, Imported or Exported. Energy is measured in terms of kWh and kVAh. Maximum demand on power and current can be measured over pre-set periods of up to 60 minutes. The SDM630-EV supports Max.100A direct loads per phase, With dual tariff management availability. The meter is designed for DIN-Rail mounting, with IP51 front protection and comes equipped with Pulsed outputs and RS485 Modbus.

Simplified Diagram for EV driver and how Eichrecht provides secured data transparency of the EV charging session



For more information, please contact our sales team on **0203 758 3494** or email sales@eastroneurope.com

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