

Charging Station for ISO / IEC 15118 Protocol

*Building working smart networked charging station with support for both ISO 15118 and*

*IEC 61851*

Bachelors Project

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1. Introduction

In this chapter a short summary of this work is described. In addition, the task description as well as to overview Of the following chapters and Their contents are given.

* 1. **Short Version**

The present project work serves to set up a working model for the current standardization of the vehicle-column communication gemäß to ISO / IEC 15118 along with the HMI display.

The built-up working model besteht of two interconnected boards and a Raspberry Pi for teh display. Each communication user is Represented by a circuit board.

The software used is derived from at existing stack and angepasst for a defined application of ISO / IEC 115118th

.According To the ISO variable parameters are listed as macros and Documented, so did a change is possible at any time. If parameters are selected so dass die Resulting requirements can no longer be met by the respectivement other subscriber, a fault message is output.

* 1. **Task**
  2. Chapter Overview

1. Literature Survey
   1. Pre