

Abbreviations Used in Advanced Course I

A Ampere

AC Alternating Current

AVLN Audio Video Logical Network

BPT Bi-directional Power Transfer

CCS Combined Charging System

CharIN Charging Interface Initiative e.V.

CI Communication Interface

CP Control Pilot

DC Direct Current

DHCP Dynamic Host Configuration Protocol

EIM External Identification Means

Enum Enumerated Data Type

EV Electric Vehicle

EVCC Electric Vehicle Communication Controller

EVCCID Electric Vehicle Communication Controller ID

EVSE Electric Vehicle Supply Equipment

EXI Efficient XML Interchange

EXIG EXI Grammar

GB Guobiao, National Standard in Chinese

HLC High-Level Communication

HMI Human-Machine Interface

HPC High Power Charger

HSM Hardware Security Module

ID Identifier

IDE Integrated Development Environment

IEC International Electrotechnical Commission

IP Internet Protocol

ISO International Organization for Standardization

JAR Java Archive

JAXB Java Architecture for XML Binding

JVM Java Virtual Machine

L1, L2, L3 Phases 1, 2, and 3 in an electrical installation

MAC address Media Access Control address

N Neutral (in an electrical installation)

NID Network ID

NMK Network Membership Key

OCPP Open Charge Point Protocol
OFDM Orthogonal Frequency-Division Multiplexing
OSI Open Systems Interconnection

PE Protective Earth
PLC Powerline Communication
PnC Plug & Charge
PWM Pulse Width Modulation

QR Quick Response

RCD Residual-Current Device
RFID Radio-Frequency IDentification

SA Secondary Actor
SAAC Stateless Address Autoconfiguration
SDP SECC Discovery Protocol
SECC Supply Equipment Communication Controller
SLAC Signal Level Attenuation Characterization
SUT System Under Test

TCP Transmission Control Protocol
TLS Transport Layer Security

UDP User Datagram Protocol
URL Uniform Resource Locator
URN Uniform Resource Name

V Voltage
V2GTP Vehicle-to-Grid Transfer Protocol

XML Extensible Markup Language
XSD XML Schema Definition