



**Plugs, socket-outlets, vehicle
connectors and vehicle inlets—
Conductive charging of electric vehicles**

**Part 2: Dimensional compatibility and
interchangeability requirements for a.c.
pin and contact-tube accessories**



This Australian Standard® was prepared by Committee EM-001, Electric Vehicle Operation. It was approved on behalf of the Council of Standards Australia on 3 June 2014. This Standard was published on 30 June 2014.

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- Australasian Road Rescue Organisation
 - Australian Automobile Association
 - Australian Electric Vehicle Association
 - Australian Industry Group
 - Auto Skills Australia
 - ChargePoint
 - Consumers Federation of Australia
 - Curtin University of Technology
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PREFACE

This Standard was prepared by Standards Australia Committee EM-001, Electric Vehicle Operation.

The objective of this Standard is to specify requirements for plugs, socket-outlets, vehicle connectors and vehicle inlets with pins and contact-tubes of standardized configurations, herein referred to as accessories. They have a nominal rated operating voltage not exceeding 500 V a.c., 50 to 60 Hz, and a rated current not exceeding 63 A three-phase or 70 A single phase, for use in conductive charging of electric vehicles.

This Standard is identical with, and has been reproduced from, IEC 62196-2, Ed. 1.0 (2011), *Plugs, socket-outlets, vehicle connectors and vehicle inlets—Conductive charging of electric vehicles—Part 2: Dimensional compatibility and interchangeability requirements for a.c. pin and contact-tube accessories*.

This Standard is to be read in conjunction with IEC 62196-1, Ed. 2.0 (2011). The clauses of the particular requirements in this Standard supplement or modify the corresponding clauses in Part 1. Where the text indicates an ‘addition’ to or a ‘replacement’ of the relevant requirement, test specification or explanation of Part 1, these changes are made to the relevant text of Part 1, which then becomes part of the Standard. Where no change is necessary, the words ‘This clause of Part 1 is applicable’ are used..

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- *compliance statements: in italic type.*

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None of the normative references in the source document have been adopted as Australian or Australian/New Zealand Standards.

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