
**Aircraft — Ground support electrical
supplies — General requirements**

*Aéronefs — Alimentations électriques de service au sol des avions —
Conditions générales requises*

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Foreword

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This document was prepared by Technical Committee ISO/TC 20, *Aircraft and space vehicles*, Subcommittee SC 1, *Aerospace electrical requirements*.

This second edition cancels and replaces the first edition (ISO 6858:1982), which has been technically revised.

The main changes compared to the previous edition are:

- updated normative references, definitions and figures;
- new information regarding aircraft electrical load characteristics, facility capacity requirements and ac power types;
- updated protection and safety requirements; and
- addition of new Annex A and B with acceptable test listings for ac and dc systems respectively.

Introduction

The purpose of this document is to foster compatibility between the providers, distributors and users of aircraft ground support electrical power. This update takes into account several recent trends in aircraft electrical systems, including increase in nonlinear load content on aircraft.

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