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Reciprocating internal combustion engine driven alternating current generating sets —

Part 3: Alternating current generators for generating sets

Groupes électrogènes à courant alternatif entraînés par moteurs alternatifs à combustion interne —

Partie 3: Alternateurs pour groupes électrogènes

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Foreword

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This document was prepared by Technical Committee ISO/TC 70, *Internal combustion engines*, together with IEC/TC 2, *Rotating electrical machines*, by merging this document with IEC 60034-22:2009.

This third edition cancels and replaces the second edition (ISO 8528-3:2005), which has been technically revised.

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The main changes compared to the previous edition are as follows:

— Clause 7 (ISO 8528-3:2005, Clause 9) has been updated with requirements for isochronous operation and grid parallel operation;

— requirements for asynchronous generators have been integrated in Clause 8 (ISO 8528-3:2005, Clause 10);

— new power rating “GPO” has been introduced for grid parallel operation;

— operating limits have been revised;

— new clauses have been added for specifying “bearings” and “maintenance”;

— identification markings BR and PR have been eliminated.

A list of all parts in the ISO 8528 series can be found on the ISO website.

Any feedback or questions on this document shall be directed to the user’s national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

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