

NEMA MG 10-2017

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Energy Management  
Guide for Selection and  
Use of Fixed Frequency  
Medium AC Squirrel-  
Cage Polyphase  
Induction Motors



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**NEMA MG 10-2017**

*Energy Management Guide for Selection and Use of Fixed Frequency  
Medium AC Squirrel-Cage Polyphase Induction Motors*

*Published by:*

**National Electrical Manufacturers Association**

1300 North 17<sup>th</sup> Street, Suite 900  
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## Foreword

The Motor and Generator Section of NEMA published the first edition of MG 10 with the statement to periodically review the guide for the purpose of keeping it up to date with evolving technology. MG 10-2013 is the result of this commitment to include typical characteristics of IEC Design H and N induction motors and information on the NEMA energy efficient and Premium efficiency motor standards.

The goal of this guide is to assist the reader in the choice of equipment for his application. The practice of periodically reviewing and updating the guide will be continued. Comments from readers are welcomed and should be addressed to:

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## Scope

This energy management guide provides practical information concerning the proper selection and application of medium AC polyphase squirrel-cage induction motors, including installation, operation, and maintenance in fixed frequency applications.