

NEMA MG 11-1977 (R2012)

Energy Management Guide for Selection and Use of Single-Phase Motors



NEMA MG 11-1977 (R1997, R2001, R2007, R2012)

*Energy Management Guide for Selection
and Use of Single-Phase Motors*

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FOREWORD

The Motor and Generator Section of NEMA recognized the need for energy management in motor applications and organized the Energy Management Committee in the Spring of 1975. Because motors are part of a system, the Committee concluded that technical information bulletins (or guides) describing motor performance characteristics should be developed to assist users in applying motors. The first edition of MG 11 was subsequently published in 1977 with the statement to periodically review the guide for the purpose of keeping it up to date with advancing technology. This reaffirmation, MG 11-1977 (R1997, R2001, R2007), is the result of this commitment.

The goal of this guide is to assist the reader in the choice of single-phase motors for his application. Polyphase motors are covered separately in the *Energy Management Guide for the Selection and Use of Polyphase Motors*, MG 10-2001 (R2007).

The practice of periodically reviewing and updating the guide will be continued. Comments on the guide 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 single-phase induction motors including installation, operation, and maintenance.