NEMA Standards Publication

NEMA PE 1-2012 (R2017)

Standard for Uninterruptible Power Systems (UPS)—Specification and Performance Verification

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National Electrical Manufacturers Association

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Uninterruptible Power Systems (UPS)—

Specification and Performance Verification

Published by

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Foreword

This standards publication is a NEMA Adoptive Standard based on IEC 62040-3, *Uninterruptible power systems (UPS)—Part 3: Method of specifying the performance and test requirements.* The current edition of IEC 62040-3 is adopted in its entirety with certain differences described in the Amendments clause. As these differences could, in the future, be a contribution to a revision of IEC 62040-3 or a related IEC standard, this publication has been prepared in accordance with *ISO/IEC Directives Part 2, Rules for the structure and drafting of International Standards.*

The purpose of this publication is to provide guidance to manufacturers and users on specifying and verifying the performance of Uninterruptible Power Systems. This publication covers both installation and manufacturing criteria obtained from manufacturers and users.

This publication represents the technical judgment of the NEMA Power Electronics Section with respect to the performance and construction of Uninterruptible Power Systems. This judgment is based on sound engineering principles, research tests, manufacturers' records, and field experience.

PE 1-2012 revises the content of PE 1-2003. As future major revisions to this publication are proposed, appropriate individuals and organizations will be consulted. Proposed or recommended revisions should be submitted to:

Vice President, Technical Services
National Electrical Manufacturers Association
1300 North 17th Street, Suite 900
Rosslyn, Virginia 22209

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