



National Electrical Manufacturers Association

The association of electrical equipment
and medical imaging manufacturers
www.nema.org

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Daniel Abbate
Secretary-General, CANENA
National Electrical Manufacturers Association
1300 N. 17th Street, Suite 900
Rosslyn VA 22209
Email: Daniel.Abbate@nema.org

Subject: Proposed CANENA Trinational Project Request for Fuses for the Protection of Batteries and Battery Systems

Dear CANENA Secretary-General:

The purpose of this letter is to express NEMA's support for a new tri-national standard for fuses for the protection of batteries and battery systems.

The industry supports the development of a tri-national harmonized standard that covers fuses for the protection of battery systems rated 2000 VDC or less.

There has been a rapid growth of energy storage system usage in North America. However, currently there is no standard in North America specifically covering fuses for protection of battery or energy storage systems, and there is confusion in the industry on what type of fuses are suitable. Existing applications have previously applied PV fuses or semiconductor fuses, although these fuses have not specifically been evaluated for use in an energy storage system. This new Part of UL 248 series of fuses is intended to cover this gap.

Respectfully,

Zijun Tong
NEMA Fuse Section