STANDARDS UPDATE NOTICE (SUN)
ISSUED: May 11, 2026

STANDARD INFORMATION

Standard: ANSI/CAN/UL 2272
Standard ID: Electrical Systems for Personal E-Mobility Devices [ANSI/CAN/UL 2272:2024 Ed.2+R:23Mar2026]
Previous Standard ID: Electrical Systems for Personal E-Mobility Devices [ANSI/CAN/UL 2272:2024 Ed.2]

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **March 23, 2028**

IMPACT, OVERVIEW, AND ACTION REQUIRED

Impact Statement: Per our accreditation, Intertek is required to review reports against the standard revisions to confirm compliance. Once compliance is confirmed, the standard reference in the report is updated to show continued compliance to the technical requirements of the standard. Reports not updated to this version by the effective date above will be withdrawn.

This standard contains Functional Safety requirements.

Overview of Changes:

- Vibration Test to align with ISO 6469-1
- Spacing requirements for altitudes higher than 2000 m above sea level

Specific details of new/revised requirements are found in table below

Current Listings Not Active? – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records. We will do this at no charge as long as Intertek is notified in writing prior to the review of your reports.

STANDARD INFORMATION

CLAUSE	VERDICT	COMMENT
		Additions to existing requirements are underlined and deletions are shown ~~lined out~~ below.
14	Info	**Electrical Spacings and Separation of Circuits**
14.2A		***New clause added;*** With reference to 14.2, unless provided with instructions regarding limiting the personal e-mobility device use to elevation levels to 2000 m (6562 feet) above sea level or below per 48.5, multiplications factors of UL 60950-1 or CSA C22.2 No. 60950-1 shall be applied to the electrical spacings.
34	Info	**Vibration Test**
34.1		This test evaluates the DUT's ability to withstand vibration that may occur during its anticipated use. The test shall be performed in accordance with ISO 6469-1, ~~without temperature conditioning~~, or to a test profile determined by the customer and verified to the personal e-mobility device application.
34.3		The DUT shall be subjected to the vibration in each axis for ~~21 h~~ 12 hours. ~~if testing one sample, 15 h if testing two samples or 12 h if testing 3 samples~~. For each axis the frequency shall be varied from 5 Hz to 200 Hz with power spectral density (PSD) for the vertical (Z) axis, the longitudinal (X) axis, and the transverse (Y) axis as outlined in ISO 6469-1.