



The Mobile Robot Company

Knowledge Center — Battery UN 38.3 Documentation · 2026-08-04

<https://info.mobilerobot.com/safety-compliance/certificates/battery-un-38-3-documentation>

Battery UN 38.3 Documentation

The J1600's [compliance list](https://info.mobilerobot.com/safety-compliance/certificates/compliance-statements/) (https://info.mobilerobot.com/safety-compliance/certificates/compliance-statements/) includes UN 38.3, the international test regime for transporting lithium batteries. This page explains what UN 38.3 is and where to direct requests for transport documentation.

What UN 38.3 is

UN 38.3 is subsection 38.3 of the UN *Manual of Tests and Criteria*. Lithium cells and batteries must pass its test series before they may be transported, whether installed in equipment or shipped separately. The tests subject cells and batteries to transport conditions such as altitude simulation, thermal cycling, vibration, shock, external short circuit, and overcharge.

Why it matters for the J1600

The J1600 runs on a [24 V, 200 Ah lithium iron phosphate \(LiFePO4\) battery](https://info.mobilerobot.com/documentation/technical-reference/battery-specifications/) (https://info.mobilerobot.com/documentation/technical-reference/battery-specifications/). Shipping a vehicle with a lithium battery falls under dangerous-goods transport rules, and carriers and freight forwarders commonly ask for evidence of UN 38.3 testing before accepting such a shipment. The J1600's compliance list names UN 38.3 as its battery transport-testing reference.

The battery's place in the wider regulatory picture — including the EU Batteries Regulation (EU) 2023/1542 — is described in [EMC, RED, RoHS and Battery Regulations](https://info.mobilerobot.com/safety-compliance/standards/emc-red-rohs-and-battery-regulations/) (https://info.mobilerobot.com/safety-compliance/standards/emc-red-rohs-and-battery-regulations/).

Obtaining transport documentation

The Knowledge Center does not publish UN 38.3 test summaries or test reports. For current battery transport documentation, contact your local partner or the company at hello@mobilerobot.com.

ⓘ PRELIMINARY COMPLIANCE LIST

The compliance list comes from the preliminary January 2026 product documentation and is subject to change. Use current product documentation for shipping and deployment decisions.