

IATA DANGEROUS GOODS REGULATION

| UN/ID No. | Proper Shipping Name | Special Provisions | | Applicable to DGR | |
|-----------|-----------------------|--|--|--------------------------|-------------------------------------|
| | | UN | IATA | No. | Yes |
| UN3480 | LITHIUM ION BATTERIES | SP188 SP230 SP310 SP348 SP376 SP377 SP384 SP387 | A88 A99 A154 A164 A183 A201 A206 A213 A331 A334 A802 | <input type="checkbox"/> | <input checked="" type="checkbox"/> |


IATA Dangerous Goods Regulation 60th edition provides the restrictions and instructions with regard to carrying Lithium Ion Batteries for Wheelchairs, in clause:

- 2.3 The dangerous goods with passengers and flight crew
- 2.3.2 Goods Acceptable with Operator Approval, as Checked Baggage Only
- 2.3.2.4 Wheelchairs/Mobility Aids with Lithium Batteries

(Summary)

- (a) the batteries must be of a type which meets the requirements of each test in the UN Manual of Tests and Criteria, Part III, subsection 38.3;
- (c) the operator must verify:
 - 1. the battery terminals are protected from short circuits, e.g. by being enclosed within a battery container;
 - 2. the battery is either
 - (i) securely attached to the wheelchair or mobility aid and the electrical circuits are isolated following the manufacturer's instructions; or
 - (ii) removed by the user, if the mobility aid is specifically designed to allow it to be, following the manufacturer's instructions. The battery removed from the mobility aid must not exceed 300 Wh, or for mobility aids fitted with two batteries, each battery must not exceed 160 Wh.
- (d) a passenger may carry a maximum of one spare lithium ion battery not exceeding 300 Wh or two spare batteries each not exceeding 160 Wh;
- (e) the operator must ensure that any battery removed from the mobility and any spare batteries are carried in the passenger cabin. The removed or spare batteries must be protected from damage (e.g. by placing each battery in a protective pouch);

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| Verdict and Instructions | <p>YAMAHA Lithium ion Battery (ESB1) meets the above requirements. Therefore, the battery is transportable by air.</p> <p>The battery meets the requirements of each test in the UN Manual of Tests and Criteria, Part III, section 38.3. The battery does not exceed to 300Wh (actual capacity of ESB1 = 295Wh).</p> <p>The battery can be carried according to the following instructions: The battery must be removed. The battery must be protected from short circuit by insulating the terminals (e.g. by protective cap). The removed battery must be protected from damage for example by placing each battery in a protective pouch. The battery must be carried in the passenger cabin.</p> |
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| Date | January 23th, 2019 |
| Company Name | YAMAHA MOTOR CO., LTD. Smart Power Vehicle Unit JW Wheelchairs Division |
| Name | Michiyo Yamazaki |
| Signature |  |