## Lithium metal and lithium alloy cells or batteries - 2019 IATA DGR

**Table: Lithium Metal Cells / Batteries**

<table>
<thead>
<tr>
<th>Description</th>
<th>UN3090 - PI968</th>
<th>UN3091 - PI969</th>
<th>UN3091 - PI970</th>
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</thead>
<tbody>
<tr>
<td><strong>Lithium Cells / Batteries loose (bulk)</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td><strong>Lithium Cells / Batteries packed with equipment</strong></td>
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</tr>
<tr>
<td><strong>Lithium Cells / Batteries contained in equipment</strong></td>
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</tr>
</tbody>
</table>

### Lithium metal cells / batteries capacity

- **Per cell or battery**: ≤ 0.3g
- **Per cell**: > 0.3g but ≤ 1g
- **Per battery**: > 1g

### Maximum number of cells / batteries per package

- **N/A**: 8 cells
- **≤ 2 batteries**: > 8 cells

### Maximum net weight of cells / batteries per package

- **2.5 kg (CAO)**
- **5 kg (PAX & CAO)**

### “Description of content” statement as per IATA DGR

- **UN3090 - PI968**: Lithium metal batteries in compliance with Section II of PI968 and “CAO”
- **UN3091 - PI969**: Dangerous goods as per attached Shipper’s Declaration and “CAO”
- **UN3091 - PI970**: Lithium metal batteries in compliance with Section II of PI969

### Required marks and labels

- **No Requirements**

### Accepted in Time Definite International (door to door)

- **Forbidden**
- **Yes** (See “Note 1”)
- **Yes**
- **No**

### Account approval required for Time Definite Int’l

- **N/A**
- **Yes**
- **No**
- **Yes**

### Requirements for Air Capacity Sales (airport to airport)

- **Select “LB” and mention “CAO”** in the restricted commodity type
- **Select “DG” and mention “CAO”** in the restricted commodity type
- **Select “LB” and mention “Section II” in the restricted commodity type**
- **No Requirements**

### Important Notes:

- **Note 1**: Forbidden to, from, within the Asia Pacific region due to air carriers restrictions. *(PAX – Passenger and Cargo Aircraft, CAO – Cargo Aircraft Only)*
- **Note 2**: A “set” of cells or batteries is the number of individual cells or batteries that are required to power each piece of equipment.
- **Note 3**: Lithium batteries packed according to PI968 Section IA and PI969 / PI970 Section I are not accepted in Time Definite International when transported via road to/from an ADR member state.

**PI968 Section IA / IB** and **PI969, PI970 Section I** - Cells and batteries must not be packed in the same outer packaging, or placed in an overpack with, dangerous goods classified in Class 1 (except 1.4S), Division 2.1, Class 3, Division 4.1 and Division 5.1. *(For PI969 and PI970 Section I is a DHL requirement)*

**PI968 Section II**: Cells and batteries must not be packed in the same outer packaging with other dangerous goods. Cells and batteries must not be placed in an overpack with dangerous goods classified in Class 1 (except 1.4S), Division 2.1, Class 3, Division 4.1 and Division 5.1.

**IMPORTANT**: RECALLED OR DEFECTED LITHIUM BATTERIES ARE FORBIDDEN FOR AIR TRANSPORT.