

Manufacturer's or Supplier's Certification for Lithium-Battery
concerning the transport according to the dangerous goods regulations of the
different transport modes as in force since January, 1st 2003 and changes effective up to 2017¹

Subject to SP 188 UN Recommendations on the transport of dangerous goods, as adopted in SP 188 ADR/RID/IMDG CODE; as applicable Section IB or II PI 965 or 968² ICAO-TI/IATA-DGR
Battery model name: <u>PA-LN 19. R003</u>
<input type="checkbox"/> Lithium metal / lithium alloy battery <input type="checkbox"/> non-rechargeable <input type="checkbox"/> rechargeable <input checked="" type="checkbox"/> Lithium ion (polymer) battery
Lithium content or equivalent lithium content, Watt-hour rating ³ _____ g (lithium metal / lithium alloy battery) <u>0.31</u> g (lithium ion (polymer) battery) <u>98</u> Wh (lithium ion (polymer) battery)
with Cell model name: <u>Panasonic, NCR 18650TD</u>
<input type="checkbox"/> Lithium metal / lithium alloy cell <input type="checkbox"/> non-rechargeable <input type="checkbox"/> rechargeable <input checked="" type="checkbox"/> Lithium ion (polymer) cell
Lithium content or equivalent lithium content, Watt-hour rating ³ _____ g (lithium metal / lithium alloy cell) <u>0.31</u> g (lithium ion (polymer) cell) <u>98</u> Wh (lithium ion (polymer) cell)
Number of cells per battery: <u>1</u>


Subject to all applicable requirements given for class 9 - UN 3090 LITHIUM METAL BATTERIES² or - UN 3480 LITHIUM ION BATTERIES² (SP 188 as on the left column can not be used)
Battery model name:
<input type="checkbox"/> Lithium metal / lithium alloy battery <input type="checkbox"/> non-rechargeable <input type="checkbox"/> rechargeable <input type="checkbox"/> Lithium ion (polymer) battery
Lithium content or equivalent lithium content, Watt-hour rating ³ _____ g (lithium metal / lithium alloy battery) _____ g (lithium ion (polymer) battery) _____ Wh (lithium ion (polymer) battery)
with Cell model name:
<input type="checkbox"/> Lithium metal / lithium alloy cell <input type="checkbox"/> non-rechargeable <input type="checkbox"/> rechargeable <input type="checkbox"/> Lithium ion (polymer) cell
Lithium content or equivalent lithium content, Watt-hour rating ³ _____ g (lithium metal / lithium alloy cell) _____ g (lithium ion (polymer) cell) _____ Wh (lithium ion (polymer) cell)
Number of cells per battery: _____

We certify that each cell or battery is of the type proved to meet the requirements of each applicable test in the UN Manual of Tests and Criteria, Part III, sub-section 38.3, as applicable at the date of the type testing. Manufacturing takes place under a quality management programme as legally required. As applicable

1. cell tested according Revision 4, Amendment -⁴ UN Manual of Tests and Criteria

2. battery tested according Revision _____, Amendment _____⁴ UN Manual of Tests and Criteria or only for rechargeable single cell battery with overcharge protection:

Tested according Revision 5, Amendment -⁴ UN Manual of Tests and Criteria

Name and address of manufacturer or supplier: <u>FEY Elektronik GmbH</u>
Place: <u>Steinchenweg 3, 21217 Seevetal</u> Date: <u>15.2.2018</u>
Responsible Person: <u>M. Witte</u>
Signature: 
FEY Elektronik GmbH Steinchenweg 3, 21217 Seevetal Tel: 040 / 703 88 88-0 Fax: 040 / 703 88 88-55

¹ Fill in/tick either the left or the right column as applicable and the complete parts after the columns.
² If packed with/contained in equipment as applicable Section II PI 966/967/969/970 ICAO-TI/IATA-DGR or requirements for UN 3091/ UN 3481 class 9.
³ Fill in the values as applicable for the battery and/or the cell.
 Hint: Please use the correct definitions for "cell" and "battery" according to the different editions of the UN Manual of Tests and Criteria.
⁴ Fill in the versions according the applicable tests had been successfully passed. For batteries also the cell data have to be given.
 Hint: For determining the transport conditions a single cell battery has to be regarded as a "cell".

Edition: 01/2017