

Air travel with Li-Ion battery for B10



General information

The general restrictions for travelling by air with batteries is set by IATA dangerous goods regulations (IATA-DGR). The restrictions for passengers carrying a rechargeable Lithium-ion onboard depends on the Watt-hour (Wh) rating of the battery. Different restrictions also apply depending if the battery is installed in

the equipment or brought as spare (extra) battery. A general requirement for allowing a Lithium-ion battery onboard is that it is tested and certified for air transport in accordance with Part III, Sub-section 38.3 of the UN Manual of Tests and Criteria.

Li-Ion Battery for B10



Type label for Model # 100440

Profoto Li-Ion Battery for B10 (Model #: 100440) is tested and certified for air transport in accordance with Part III, Sub-section 38.3 of the UN Manual of Tests and Criteria (see separate UN transportation certificate).

The Model # of the B10 battery can be found on the battery type label (see example to the left).

The battery is rated less than 100Wh (43.2 Wh). To the right you will find an extract of the IATA provisions for Li-Ion batteries rated less than 100Wh carried by passenger or crew for personal use.

Batteries installed in equipment

Approval of the operator is required	No
Permitted in or as checked baggage	Yes
Permitted in or as carry-on baggage	Yes
The pilot-in-command must be informed of the location	No

Spare batteries

Approval of the operator is required	No
Permitted in or as checked baggage	No
Permitted in or as carry-on baggage	Yes
The pilot-in-command must be informed of the location	No

Additional notes

If the battery is installed in equipment, the battery terminals must be taped so it won't accidentally turn on during the flight.

Spare batteries should be packed individually or battery terminals taped to prevent short circuit of batteries during the flight.

Important notice

Damaged batteries

Batteries that are damaged or defect or batteries that are suspected to be damaged or defect, are strictly forbidden to transport by air. Such batteries can only be transported by road or sea and only in full compliance with applicable dangerous goods regulations. (Special Provision A154, IATA-DGR & ICAO-TI)

Links to more information

<http://www.iata.org/whatwedo/cargo/dgr/Pages/dgr-guidance.aspx>

<http://www.iata.org/whatwedo/cargo/dgr/Documents/passengerprovisions-table-23A-en.pdf>

<http://www.iata.org/whatwedo/cargo/dgr/Documents/passengerlithium-battery.pdf>

UN transportation certificates

Transportation certificate for Model # 100440 on page 2 in this document.

Battery type	Lithium Ion Rechargeable battery
Model	100440
Type	PCA5449-0000
Nominal voltage	14.4 V
Rated capacity	3.0 Ah
Energy	43.2 Wh
Brand	Profoto AB
Address	Box 1264, 172 25 SUNDBYBERG, Sweden
Report no.	BRKJ20180420U01

The object described above is proved to meet the requirements of each applicable test in the UN Manual of Tests and Criteria, Part III, Sub-section 38.3.

All test reports are filed at Profoto AB and can be submitted on specific request.

UN 38.3 tests		Results
Test 1	Altitude Simulation	PASS
Test 2	Thermal Test	PASS
Test 3	Vibration	PASS
Test 4	Shock	PASS
Test 5	External Short Circuit	PASS
Test 6	Impact	PASS
	Crush	Not applicable
Test 7	Overcharge	PASS
Test 8	Forced Discharge	PASS