

LITHIUM BATTERY TRANSPORTATION GUIDE FOR PASSENGERS



The carriage of portable electronic devices, portable medical electronic devices and spare batteries depends on the watt-hour (Wh) value for lithium ion (rechargeable) batteries or lithium metal content in grams (g) for lithium metal (non-rechargeable) batteries.

Use this table to find out if your portable electronic device or spare battery may be carried!

Device type	Portable electronic devices, containing lithium metal or lithium ion cells or batteries	Batteries, spare/separate, including batteries containing lithium metal or lithium ion cells, or batteries for portable electronic devices
Mode of carriage	Passengers are allowed to carry portable electrical appliances for personal use with lithium metal or lithium ion cells or batteries. The number of watt hours may not exceed 100 Wh (for lithium ion batteries) or 2 g lithium (for lithium metal batteries). Devices in hold baggage must be completely switched off and protected against damage. Such batteries are mainly used in electrical appliances such as digital cameras, mobile phones, laptops, tablets, e-readers, game consoles, and medical devices such as portable oxygen concentrators (POCs).	The number of watt hours may not exceed 100 Wh (for lithium ion batteries) or 2 g lithium (for lithium metal batteries). These batteries must be individually protected to prevent a short circuit. Units the main purpose of which is an energy source, such as rechargeable batteries (power bank) , are considered as spare batteries.
Hold baggage	YES (up to 15 pieces, including)	NO
Carry-on baggage	YES (up to 15 pieces, including)	YES (up to 20 pieces, including)
Carrier's approval	NO (carrier can approve more than 15 pieces)	NO (carrier can approve more than 20 pieces)
Device type	Lithium-ion battery-operated equipment	Lithium batteries, spare/separate
Mode of carriage	Lithium-ion battery for portable (including medical) electrical devices, with a watt-hour value exceeding 100 Wh but not exceeding 160 Wh. Only portable medical electronic devices with lithium metal batteries with a lithium content exceeding 2 g but not exceeding 8 g. Devices must be completely switched off and protected against damage.	Watt-hours exceeding 100 Wh but not exceeding 160 Wh, and used in consumer electronic devices and portable medical devices (PMED); or if the lithium content exceeds 2 g but does not exceed 8 g, only PMEDs are permitted. Batteries must be individually protected against short circuits.
Hold baggage	YES	NO
Carry-on baggage	YES	YES (up to 2 pieces, including)
Carrier's approval	YES	YES

Devices, batteries, spare/separate, with a watt-hour value above 160 Wh and lithium content above 8 g are NOT permitted for carriage.

FOR PASSENGER ATTENTION! Small **lithium-powered mobility devices**, including hoverboards, mini segways, and self-balancing single or multi-wheels, are considered hazardous items. These devices **are NOT allowed to be carried either in carry-on or hold baggage**, as there is a risk of their batteries igniting spontaneously.

Electronic cigarettes, containing batteries, including e-cigars, e-pipes and other personal vaporizers equipped with batteries, individually protected to prevent accidental switching, may **only be carried in carry-on baggage**.

Wh = Ah x V (Wh – watt hours; Ah – ampere hours; V – voltage)

Please contact your carrier before travelling as it may impose additional restrictions!

For more information, please visit: www.iata.org/dgr-guidance.

Effective as of 1 January 2021

**DANGEROUS
GOODS
REGULATIONS**

Stop. Think. Check.

