

Electronic devices and batteries



Electronic devices and batteries are classified as dangerous goods.
If damaged or short-circuited, they can generate heat and start a fire.

		Wh calculation: $Ah \times V = Wh$ or $mAh \times V \div 1000 = Wh$				
		max. item restriction per passenger	max. Watt-hours (Wh)	max. Lithium Content (LC)	in carry-on baggage in the cabin	in checked baggage
	Power banks	2 ^[3]	100 Wh	2 g LC		
			160 Wh	— ^[2]		
	Batteries, spare and loose	20 ^[3]	100 Wh	2 g LC		
			160 Wh	— ^[2]		
	Lithium battery powered portable electronic devices	15 in total	2,7 Wh	0,3 g LC		
			100 Wh	2 g LC		^[1]
			160 Wh	—		
	E-cigarettes, e-pipes, e-cigars and battery powered inhalers		100 Wh	2 g LC		
	GPS tracker		2,7 Wh	0,3 g LC		
			100 Wh	2 g LC		
	Electronic bag tag (EBT)		—	—		
	Smart baggage with installed battery(ies)		2,7 Wh	0,3 g LC		
	Smart baggage with removable battery(ies)	see 'Batteries, spare and loose'	2,7 Wh	0,3 g LC		
			100 Wh	2 g LC	^[4]	^[4]
			160 Wh	—	^[4]	^[4]
	Battery powered personal transport devices	—	regardless of Wh rating or if battery(ies) is/are attached or removed			
	Battery powered portable medical devices		<p>Find detailed information on our website or on request.</p>			
	Battery powered portable electronic devices not containing lithium					
	Battery powered wheelchairs and mobility aids					
	Diving lamps, soldering irons and battery powered heat producing articles					
	Avalanche rescue backpacks					

Important transport restrictions for devices and batteries:

- Protect from damage, short circuit and unintentional activation.
- Isolate connections individually (e.g. with original packaging, cover terminals with adhesive tape or separate plastic bags per battery).
- Transport battery powered electronic devices in the cabin whenever possible.

Defective, damaged or recalled devices or batteries are forbidden.

On-board restrictions:

- Do **not** charge or use power banks ^[5] and e-cigarettes.
- Place power banks or e-cigarettes **only** in seat pocket, on one's person or in cabin baggage under the seat in front (**not** in overhead storage lockers)

[1] If in checked baggage: max. 3 devices larger than a smartphone, completely switched off (not in sleep or hibernation mode) not packed together with flammable content in same bag (e.g. hair spray, perfume, hand sanitizer).

[2] Exception: max. 8 g LC for batteries for approved portable medical devices

[3] Max. 20 batteries including max. 2 power banks, 2 spare or loose batteries with max. 100 Wh up to 160 Wh and 2 non-spillable, wet batteries

[4] Battery(ies) must be removed and carried in passenger cabin.

[5] Exception with operator's approval: for approved portable medical devices