

# Passenger guide to transporting lithium batteries

Type of device and battery [Watt hours (Wh) = Voltage x Amp hours (Ah)]		Airline approval required?	Allowed in carry-on (cabin) baggage?		Allowed in checked (hold) baggage?	
			In equipment	Spares	In equipment	Spares
<b>Laptop, mobile phone, digital camera etc.</b> <b>Lithium Ion/Metal</b> 	Watt hours not exceeding 100 Wh or 2g Lithium Metal	<b>NO</b> 	<b>YES</b>  Max 15 per person	<b>YES</b>  <b>Must</b> be protected from damage & short circuit. (Max <b>20</b> per person)*	<b>YES</b>  <b>Must</b> be protected from inadvertent activation. Max <b>15</b> per person	<b>NO</b> 
<b>Video equipment</b> <b>Lithium Ion</b> 	Watt hours BETWEEN 100-160Wh	<b>YES</b> 	<b>YES</b>  Max 2 per person	<b>YES</b>  <b>Must</b> be protected from damage & short circuit. (Max <b>2</b> per person)*	<b>YES</b>  <b>Must</b> be protected from inadvertent activation. Max <b>2</b> per person	<b>NO</b> 
<b>Portable medical devices only</b> <b>Lithium Metal</b> 	Lithium Metal content BETWEEN 2g - 8g					
<b>Electric bike, car battery, underwater lamp etc.</b> <b>Lithium Ion/Metal</b>  <p><small>Electric medical devices are allowed. For details please contact flydubai.</small></p>	Watt hours MORE than 160 Wh or more than 8g Lithium Metal	<b>NOT PERMITTED</b>	<b>NO</b> 	<b>NO</b> 	<b>NO</b> 	<b>NO</b> 
<b>Hoverboard, single wheel scooter etc.</b> <b>Lithium Ion/Metal</b> 	Any watt hours	<b>NOT PERMITTED</b>	<b>NO</b> 	<b>NO</b> 	<b>NO</b> 	<b>NO</b> 
<b>Electronic cigarette, vaporizer etc.</b> <b>Lithium Ion/Metal</b>  <p><small>Portable electronic cigarettes cannot be used or activated near or on board the aircraft. Must be individually protected to prevent inadvertent activation.</small></p>		<b>NO</b> 	<b>YES</b> 	<b>YES</b> 	<b>NO</b> 	<b>NO</b> 
<b>Smart bags</b> <b>Lithium Ion/Metal</b> 	Watt hours not exceeding 100 Wh or 2g Lithium Metal	<b>NO</b> 	<b>YES</b>  <b>Battery must</b> be removable and equipment switched off*	<b>YES</b>  <b>Must</b> be protected from damage & short circuit.	<b>YES</b>  <b>Battery must</b> be removed and carried in the cabin*	<b>NO</b> 
<b>Smart bags</b> <b>Lithium Ion/Metal</b> 	Watt hours MORE than 100 Wh or more than 2g Lithium Metal	<b>NOT PERMITTED</b>				

**Spare lithium batteries are NOT PERMITTED in checked (hold) baggage. Never carry damaged batteries or equipment.**

## Protection rules

All battery powered equipment/devices must be packaged to prevent inadvertent activation and spare batteries should be in the manufacturer's packaging where possible.

\* You must protect all battery powered equipment from inadvertent activation or damage. If batteries are not inside the equipment you must protect them from activation, short circuit or damage, you can protect the battery from short circuit by placing electrical tape over each terminal, or by placing it in a protective case or strong plastic bag.

Portable Electronic Devices e.g. tablets, laptops, e-book readers etc. must not be plugged into the inflight power supply when not in use (i.e. charging).

For batteries contained in wheelchairs, please contact +971 600 544 445.

# To calculate the watt hours of your battery

WATT HOUR (Wh) = Volt (V) x Amp Hours (Ah)

or

WATT HOUR (Wh) = Volt (V) x milliamp hours (mAh)/1000

## Example

11.1 V x 4400 mAh/1000 = 48.84 Wh. This battery can be carried under strict conditions.



## Example

12 V x 40 Ah = 480 Wh. This battery is forbidden for carriage.



**ONLY BATTERIES LESS THAN 160 Wh can be carried.  
NO SPARE BATTERIES CAN BE CARRIED IN CHECKED (hold) BAGGAGE.**