

附件3:

旅客携带锂电池须知

旅客携带手机、电脑、摄像机等个人自用的含锂电池设备及备用电池时，请注意：

一、乘机前请确认锂电池上标注的规格。锂电池规格以额定能量（Wh）计算。没有标明额定能量的锂电池请按下面公式换算：

$$\text{额定能量 (Wh)} = \text{电池容量 (Ah)} \times \text{标称电压 (V)}$$

(1000mAh=1Ah)

不能确定额定能量的锂电池禁止携带。



二、电池

(一) 备用电池：包括锂电池、密封型湿电池、镍氢电池、干电池等各类电池。请注意满足以下要求：

- 1、备用电池只允许放入手提行李中；
- 2、备用电池每人携带数量不得超过20块；
- 3、备用锂金属电池，锂金属含量 \leq 2g；

4、备用的锂离子电池，额定能量 $\leq 100\text{wh}$ 。



(二) 如果超出以上限制，请按以下要求运输：

1、锂金属电池 ($2\text{g} < \text{锂金属含量} \leq 8\text{g}$)

①放在手提行李中，每人携带不超过2块；

②需在值机柜台申报，经检查、批准后方能携带；

③单独保护，防止短路（例如装在密封塑料袋或原装保护盒内）；

④仅限便携式医疗电子设备。

2、锂离子电池 ($100\text{wh} < \text{额定能量} \leq 160\text{wh}$)

①放在手提行李中，每人携带不超过2块；

②需在值机柜台申报，经检查、批准后方能携带；

③单独保护，防止短路（例如装在密封塑料袋或原装保护盒内）。

三、移动电源（充电宝）

移动电源（充电宝）是指主要功能是给手机等便携式电子设备提供外部移动电源的小型锂电池充电式设备，例如手

机充电宝、无线耳机充电舱等。移动电源（充电宝）应符合备用电池运输要求，此外还应满足以下要求：

- 1、禁止在飞机上使用移动电源（充电宝）给设备充电；
- 2、禁止在飞机上给移动电源（充电宝）充电；
- 3、有启动开关的移动电源（充电宝），请全程关闭。



四、锂电池驱动的便携式电子设备（也称为PED）

（一）锂电池驱动的便携式电子设备指需要锂电池芯或锂电池提供电能方可运行的装置，包括照相机、手机、笔记本电脑、摄像机以及便携式医疗设备。此类设备可以作为手提行李携带登机，也可作为托运行李托运。

（二）PED含有锂金属电池的锂金属含量不得超过2g，锂离子电池的额定能量不得超过100Wh。作为托运行李托运时，设备必须完全关闭（禁止使用睡眠/休眠模式）。每名旅客携带的PED不得超过15个。

（三）含有锂金属含量超过2g但不超过8g锂金属电池的便携式医疗装置、以及含有超过100Wh但不超过160Wh锂离子电池的电子设备，需在值机柜台申报，经检查、批准后方可

携带。

（四）电子烟、电动平衡车不得托运，采取防止意外启动措施，符合手提行李要求的，只能在手提行李中携带，且不得在飞机上使用或为其充电。



Requirements on Carriage of Lithium Batteries

When passengers carrying portable electronic device (PED) such as cell phones, computers or cameras containing lithium batteries or spare batteries for personal use, please pay attention to the following:

1、 Please confirm the specifications on the lithium battery before boarding. Lithium battery specification is rated by Watt-hour rating. For lithium batteries that do not marked with Watt-hour rating, you can also arrive at the number of Watt-hours provides if you know the battery's nominal voltage (V) and capacity in ampere-hours (Ah):

$$\text{Ah} \times \text{V} = \text{Wh} \quad (1000\text{mAh}=1\text{Ah})$$

Lithium batteries that are not marked or calculated for Watt-hour ratings are forbidden for carriage.



2. Batteries

(1) Spare batteries: including lithium batteries, non-spillable batteries, nickel-metal hydride batteries and dry batteries. Please note that the following requirements shall be met:

- Spare batteries can be carried only in carry-on baggage;
- Each person is limited to a maximum of 20 spare batteries;
- For lithium metal batteries the lithium metal content must not exceed 2 g;
- For lithium ion batteries the Watt-hour rating must not exceed 100 Wh.



(2) If the above restrictions are exceeded, please carry as following:

① For lithium metal batteries, lithium metal content exceeding 2g but not exceeding 8g:

- Maximum of two spare batteries in carry-on baggage only;
- It needs to be declared at the check-in counter and can only be carried after inspection and approval;
- These batteries must be individually protected to prevent short circuits (eg. By placing each battery in plastic bag or protective pouch);
- Only for portable medical electronic devices.

② For lithium ion batteries Wh rating exceeding 100 Wh but not

exceeding 160 Wh:

- Maximum of two spare batteries in carry-on baggage only;
- It needs to be declared at the check-in counter and can only be carried after inspection and approval;
- These batteries must be individually protected to prevent short circuits (e.g. By placing each battery in plastic bag or protective pouch)

3. Power bank (portable charger)

These are portable devices designed to be able to charge consumer devices , such as mobile phones and Wireless headset charging compartment. Power banks are considered spare batteries. Please carry as following:

- It is forbidden to use power bank to charge the PED on the plane;
- It is forbidden to charge the power bank on the plane;
- Power bank shall be turned off during flight.



4、 Portable electronic devices (PED)

(1) Portable electronic devices means the equipment or apparatus for which the batteries provide electrical power for its operation. PED may include cameras, mobile phones, laptops, video cameras, medical devices. PED can be carried as carry-on baggage or checked baggage.

(2) For PED containing lithium metal batteries, lithium metal content exceeding 2g but not exceeding 8g, and containing lithium ion batteries with Watt-hour rating not exceed 100 Wh, if devices are carried in checked baggage, the device must be completely switched off (not in sleep or hibernation mode). Each person is limited to a maximum of 15 PED.

(3) Portable medical electronic devices with lithium metal content exceeding 2g but not exceeding 8g and PED with lithium ion batteries of Wh rating exceeding 100 Wh but not exceeding 160 Wh, needed to be declared at the check-in counter and can only be carried after inspection and approval.

(4) E-cigarettes and electric hover board are not allowed to be carried as checked baggage. These devices can be carried as carry-on baggage after take actions to prevent accidental activation and comply with the requirements of carry-on baggage. These devices cannot be used or charged on the plane.

