

# Thai AirAsia X Provision for Dangerous Goods Carried by Passengers or Crew

Dangerous goods must not be carried in or as passengers or crew, checked or carry-on baggage, except as otherwise provided below. Dangerous goods permitted in carry-on baggage are also permitted “on one’s person”, except where otherwise specified

The pilot-in-command must be informed of the location				
Permitted in or as carry-on baggage				
Permitted in or as checked baggage				
The approval of the operator is required				
<b>Alcoholic beverages</b> , when in retail packaging, containing more than 24% but not more than 70% alcohol by volume, in receptacles not exceeding 5L, with a total net quantity per person of 5L. <i>Note : must not exceed the local customs restrictions.</i>	X	X	✓	X
<b>Ammunition, securely packaged(In Div 1.4S, UN0012 or UN0014 Only)</b> in quantities not exceeding 5 kg gross weight per person for that person’s own use. Allowances for more than one person must not be combined into one or more packages.	X			
<b>Avalanche rescue backpack</b> , one (1) per person, containing a cartridge of compressed gas in Div. 2.2. May also be equipped with a pyrotechnic trigger mechanism containing no more than 200 mg net of Div. 1.4S. The backpack must be packed in such a manner that it cannot be accidentally activated. The airbags within the backpacks must be fitted with pressure relief valves.	X			
<b>Baggage with installed lithium batteries</b> non-removable batteries exceeding - 0.3g lithium metal or 2.7Wh	FORBIDDEN			
<b>Baggage with installed lithium batteries</b> - non-removable batteries, Batteries must contain no more than 0.3g lithium metal or for lithium ion must not exceed 2.7Wh; - Removable batteries, Batteries must be removed if baggage is to be checked in removed batteries must be carried in the cabin. <i>NOTE: Thai Airasia X NOT allowed the baggage with installed non-removable batteries</i>	✓	✓	✓	X
<b>Batteries, spare/loose, including lithium metal or lithium ion cells or batteries</b> , for portable electronic devices must be carried in carry-on baggage only. For lithium metal batteries the lithium metal contain must not exceed 2 g and for lithium ion batteries the Watt-hour rating must not exceed 100 Wh.Articles which have the primary purpose as a power source, e.g. power banks are considered as spare batteries. These batteries must be individually protected to prevent short circuits. Each person is limited to a maximum of 20 spare batteries <i>Note : The limitation is rely on the operator’s approval</i> <i>Note : Wh = Ah x V</i>	X	X	✓	X
<b>Camping stoves and fuel containers that have contained a flammable liquid fuel</b> , Fuel tank or fuel container is NOT allowed.	✓	✓	X	X
<b>Chemical agent monitoring equipment</b> , when carried by staff members of the Organization for the Prohibition of Chemical Weapons on official travel	X			
<b>Disabling devices</b> such as mace, pepper spray, etc. containing an irritant or incapacitating substance are forbidden on the person, in checked and carry-on baggage.	FORBIDDEN			
<b>Dry ice (carbon dioxide, solid)</b> , in quantities not exceeding 2.5 kg per person when used to pack perishables not subject to these regulations in checked or carry-on baggage, provided the baggage (package) permits the release of carbon dioxide gas. Checked baggage must be marked “dry ice ” or “carbon dioxide, solid” and with the net weight of dry ice or an indication that there is 2.5 kg or less dry ice.	✓	✓	✓	X
<b>E-cigarettes</b> (including e-cigars, e-pipes, other personal vaporizers) containing batteries must be individually protected to prevent accidental activation. <i>Note : NOT allow to use or charge onboard the aircraft at any time</i>	X	X	✓	X
<b>Electro shock weapons</b> (e.g. Tasers, E-mosquito/electronic mosquito racquet) containing dangerous goods such as explosives compressed gases, lithium batteries, etc. are forbidden in carry-on baggage or checked baggage or on the person	FORBIDDEN			
<b>Fuel cells and fuel cartridges powering portable electronic devices</b> (e.g. cameras , cellular phones, laptop computers and camcorders) ,including for fuel cell cartridge, spare for portable electronic device, see under the following conditions: (a) fuel cells and fuel cell cartridges may only contain flammable liquids, corrosive substances, liquefied flammable gas, water-reactive substances or hydrogen in metal hydride; (b) refueling of fuel cells on board and aircraft is not permitted except that the installation of a spare cartridge is allowed; (c) the maximum quantity of fuel in any fuel cell or fuel cell cartridge must not exceed: (1) for liquids, 200 mL; (2) for solids 200 g; (3) for liquefied gases, 120 mL for non-metallic fuel cells of fuel cell cartridges or 200 mL for metal fuel cells or fuel cell cartridges; (4) for hydrogen in metal hydride the fuel cell cartridges must have a water capacity of 120 ml of less. (d) each fuel cell and each fuel cell cartridge must conform to IEC 62282-6-100 Ed. 1, including amendment 1 and must be marked with a manufacturer’s certification that it conforms to the specification. In addition, each fuel cell cartridge must be marked with the maximum quantity and type of fuel in the cartridge; (e) no more than two spare fuel cell cartridges may be carried in checked baggage, carry-on baggage, or on the person; (f) fuel cells containing fuel are permitted in carry-on baggage only; (g) interaction between fuel cells and integrated batteries in a device must conform to IEC 62282-6-100 Ed. 1, including amendment 1. Fuel cells whose sole function is to charge a battery in the devices are not permitted; (h) fuel cells must be of a type that will not charge batteries when the portable electronic is not in use and must be durably marked by the manufacturer “APPROVED FOR CARRIAGE IN AIRCRAFT CABIN ONLY”to so indicate; and (i) in addition to the languages which may be required by the state of origin for the marks specified above. English should be used.	X	X	✓	X
<b>Gas cartridges, small, non-flammable</b> containing carbon dioxide or other suitable gas in division 2.2. Up to two (2) small cartridges fitted into a self-inflating safety device such as a life jacket or vest. Not more than one (1) device per passenger and up to two (2) spare small cartridges per person, not more than four (4) cartridges up to 50 mL water capacity for other device. Cartridge (s) must be for inflation purposes. The personal safety device must be packed in such a manner that it can not be accidentally activated.	✓	✓	✓	X
<b>Gas cylinders, non-flammable, non-toxic worn for the operation of mechanical limbs.</b> Also, spare cylinders of a similar size if required to ensure an adequate supply for the duration of the journey.	X	✓	✓	X
<b>Hair curlers containing hydrocarbon gas</b> , up to one (1) per passenger or crew-member, provided that the safety cover is securely fitted over the heating element. These hair curlers must not be used on board the aircraft at any time. Gas refills for such curlers are not permitted in checked or carry-on baggage. <i>Note : NOT allow to use onboard the aircraft at any time</i>	X	✓	✓	X
<b>Heat producing articles</b> battery-powered equipment capable of generating extremely heat, which would cause a fire if activated, such as underwater torches (diving lamps) and soldering irons. The heat producing component and the battery are isolated from each other by the removal of the heat producing component, the battery or other component, e.g. fuse. Any battery that has been removed must be protected against short circuit (by placement in the original retail packaging or by otherwise insulating terminals, e.g. by taping over exposed terminals or placing each battery in a separate plastic bag or protective pouch).	✓	✓	✓	X
<b>Insulated packagings containing refrigerated liquid nitrogen</b> (dry shipper), fully absorbed in a porous material containing only non-dangerous goods. <i>Note: specimens, non-infectious containing in the packaging is not permitted.</i>	✓	✓	✓	X

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Permitted in or as carry-on baggage				
Permitted in or as checked baggage				
The approval of the operator is required				
<b>Internal combustion or fuel cell engines</b>				X
<b>Lithium Batteries: Security-type equipment containing lithium batteries .</b>				X
<b>Lithium Batteries: Portable electronic devices containing lithium metal or lithium ion cells or batteries,</b> including medical devices such as portable oxygen concentrators (POC) and consumer electronics such as cameras, mobile phones, laptops and tablets, when carried by passengers or crew for personal use which should be carried in carry-on baggage. For lithium metal batteries, the lithium metal content must not exceed 2 g and for lithium ion batteries the Watt-hour rating must not exceed 100 Wh. Devices in checked baggage must be completely switched off and must be protected from damage. Each person is limited to a maximum of 15 PED. Baggage equipped with a lithium battery, other than lithium button cells, the battery must be removable. If offered as checked baggage the battery must be removed and carried in the cabin. Note : Wh = Ah x V Note : Refer GOM ch.4 (Baggage) / OM-A ch.9 (Dangerous goods and weapons)	X	✓	✓	X
<b>Lithium batteries, spare/loose</b> with a Watt-hour rating exceeding 100 Wh but not exceeding 160 Wh for consumer electronic devices and PMED or with a lithium metal content exceeding 2 g but not exceeding 8 g for PMED only maximum of two spare batteries in carry-on baggage only. These batteries must be individually protected to prevent short circuits. Note : Powe Bank over 160 Wh (3200mAh) is forbidden. Note : Wh = Ah x V	✓	X	✓	X
<b>Lithium battery-powered electronic devices.</b> Lithium ion batteries for portable (including medical) electronic devices, a Wh rating exceeding 100 Wh but not exceeding 160 Wh. For portable medical electronic devices only, lithium metal batteries with a lithium metal content exceeding 2 g but not exceeding 8 g. Devices in checked baggage must be completely switched off and must be protected from damage. Note : Wh = Ah x V	✓	✓	✓	X
<b>Matches, safety (one small packet) or a small cigarette lighter</b> that does not contain unabsorbed liquid fuel, other than liquefied gas, intended for use by an individual when carried on PERSON the person. Lighter fuel and lighter refills are not permitted on one's person or in checked or carry-on baggage. Note : "Strike anywhere" matches, "Blue flame" or "Cigar" lighters are forbidden or lighters powered by a lithium battery without a safety cap or means of protection against unintentional activation are forbidden. Note : These are subject to the regulation of each airports.	X	ON ONE'S PERSON		X
<b>Mobility aids :</b> Battery-powered wheelchairs or other similar mobility devices with <b>non-spillable wet batteries.</b> Note: Refer GOM ch.4 (Baggage) / OM-A ch.9 (Dangerous Goods and weapons)	✓	✓	X	✓
<b>Mobility aids :</b> Battery-powered wheelchairs or other similar mobility devices with <b>spillable wet batteries.</b> Note: Refer GOM ch.4 (Baggage) /OM-A ch.9 (Dangerous Goods and weapons)	✓	✓	X	✓
<b>Mobility aids :</b> Battery-powered mobility aids with <b>lithium ion batteries (collapsible)</b> Note : Refer GOM ch.4 (Baggage) / OM-A ch.9 (Dangerous Goods and weapons). Note : For all kinds of Mobility Aid with batteries passenger must contact AirAsia at least 48 hours prior to flight departure. Note : Lithium battery, 1 pc, for Wh-rating 160 Wh but not exceeding 300 Wh; 2 pcs for Wh-rating not exceeding 160 Wh. Note : Electrical circuits must be inhibited by the owner at check in counter Note : Thai AirAsia X allowed mobility aids with battery only 4 items per 1 flight. Note : If battery found to be broken, cracked, completely drained out, immediately stop the process of loading the wheelchair.	✓	X	✓	✓
<b>Non-radioactive medicinal or toiletry articles</b> (including aerosols) such as hair sprays, perfumes, colognes and medicines containing alcohol.	X	✓	✓	X
<b>Non-flammable, non-toxic aerosols in Division 2.2,</b> with no subsidiary risk, for sporting or home use the total net quantity of non-radioactive medicinal or toiletry articles and non-flammable, non-toxic aerosols in Division 2.2 must not exceed 2 kg or 2 L and the net quantity of each single article must not exceed 0.5 kg or 0.5 L. Release valves on aerosols must be protected by a cap or other suitable means to prevent inadvertent release of the contents.	X	✓	X	X
<b>Oxygen or air, gaseous, cylinders for medical use.</b> Note : Liquid oxygen systems are forbidden for transport.				X
<b>Permeation devices</b>				X
<b>Portable electronic devices containing non-spillable batteries</b> with a maximum of 2 spare batteries may be carried. The battery must not contain any free or unabsorbed liquid. Any electrical battery or battery powered device, equipment or vehicle having the potential of dangerous evolution of heat must be prepare for transport so as to prevent : the following requirements apply. (a) a short circuit (e.g. in the case of batteries, by the effective insulation of exposed terminals; or in the case of equipment, by disconnection of the battery and protection of exposed terminals). (b) unintentional activation. (c) battery must be 12V or less and 100Wh or less.	X	✓	✓	X
<b>Radioisotopic cardiac pacemakers</b> or other devices, including those powered by lithium batteries, implanted into a person or fitted externally.	X	ON ONE'S PERSON		X
<b>Security-type attaché cases, cash boxes, cash bags,</b> etc. Incorporating dagerous goods, such as lithium batteries and/or pyrotechnic material.				FORBIDDEN
<b>Specimens, non-infectious</b>				X
<b>Thermometer, medical or clinical,</b> which contains mercury, one (1) per person for personal use, when in its protective case.	X	✓	X	X
<b>Thermometer or barometer, mercury filled</b> carried by a representative of a government weather bureau or similar official agency. (a) must be packed in a strong outer packaging. (b) a sealed inner liner or a bag of strong leak-proof and puncture-resistant material to prevent the escape of mercury from the package.	✓	X	✓	✓

**NOTE :** For safety of Air Transportation, Thai AirAsia X reserves the rights to accept and carry well-packed packages only. Conditions of Dangerous Goods Acceptance vary according to each airport regulations and State and operator variations."  
Ref : IATA DGR edition 60th