

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			
Alcoholic beverages, when in retail packagings, 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. Note : Alcoholic beverages containing 24% or less alcohol by volume are not subject to any restrictions. Note : Must not exceed the local customs restrictions. Note: TAX will not accept any form of liquid that not been properly packed and exceeding 5L as checked baggage.	X	✓	✓	X
Ammunition, securely packaged(In Div 1.4S, UN0012 or UN0014 Only) 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			
Avalanche rescue backpack, 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			
Baggage with installed lithium batteries non-removable batteries exceeding - 0.3g lithium metal or 2.7Wh	FORBIDDEN			
Baggage with installed lithium batteries: - non-removable batteries. Batteries must contain no more than 0.3g lithium metal or for lithium ion must not exceed 2.7 Wh; - removable batteries, Batteries must be removed if baggage is to be checked in. Removed batteries must be carried in the cabin.	✓	✓	✓	X
Batteries, spare/loose, including lithium batteries, non-spillable batteries, nickel-metal hydride batteries and dry batteries for portable electronic devices must be carried in carry-on baggage only. 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. Lithium metal batteries, the lithium metal content must not exceed 2 g. Lithium ion batteries, the Watt-hour rating must not exceed 100 Wh. Each person is limited to a maximum of 20 spare batteries Non-spillable batteries, must be 12 V or less and 100 Wh or less. Each person is limited to a maximum of 2 spare batteries. Note : Thai AirAsia X NOT accept any spare battery not indicating the Wh-rating on the package or damaged batteries. Note : The limitation relies on the operator's approval Note : Wh = Ah x V	X	X	✓	X
Camping stoves and fuel containers that have contained a flammable liquid fuel, with empty fuel tank and/or fuel container Note : Fuel tank or fuel container is NOT allowed on Thai Airasia X flight	✓	✓	X	X
Chemical Agent Monitoring Equipment, when carried by staff members of the Organization for the Prohibition of Chemical Weapons on official travel	X			
Disabling devices such as mace, pepper spray, etc. containing an irritant or incapacitating substance are forbidden on the person,in checked and carry-on baggage.	FORBIDDEN			
Dry ice (carbon dioxide, solid), 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
E-cigarettes (including e-cigars, e-pipes, other personal vaporizers) containing batteries must be individually protected to prevent accidental activation. Note : NOT allow to use or charge onboard the aircraft at any time	X	X	✓	X
Electro shock weapons (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			
Fuel Cells and fuel cartridges powering portable electronic devices (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 manufacture'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
Gas cartridges, small, non-flammable containing carbon dioxide or other suitable gas in Division 2.2. Up to two (2) small cartridges fitted into a self-inflating personal safety device, intended to be worn by a person, such as a life jacket or vest. Not more than two (2) devices per passenger and up to two (2) spare small cartridges per device, 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
Gas cylinders, non-flammable, non-toxic worn for the operation of mechanical limbs. Also, spare cylinders of a similar size if required to ensure an adequate supply for the duration of the journey.	X	✓	✓	X
Hair styling equipment containing a hydrocarbon gas cartridge, up to one (1) per passenger or crew-member, provided that the safety cover is securely fitted over the heating element. This hair styling equipment must not be used on board the aircraft. Spare gas cartridges for such hair styling equipment are not permitted in checked or carry-on baggage.	X	✓	✓	X

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			
Insulated packagings containing refrigerated liquid nitrogen (dry shipper), fully absorbed in a porous material containing only non-dangerous goods. Note: specimens, non-infectious containing in the packaging is not permitted.	✓	✓	✓	X
Internal combustion or fuel cell engines	X			
Lithium Batteries: Portable electronic devices (PED) containing lithium metal or lithium ion cells or batteries, 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. Included Lithium metal batteries, a lithium content not exceed 0.3 g and lithium ion batteries, a Watt-hour rating not exceed 2.7 Wh Each person is limited to a maximum of 15 PED. Note : The limitation relies on the Operator's approval Note : Wh = Ah x V Note: Refer GOM ch.4 (Baggage) / OM-A ch.9 (Dangerous Goods and weapons)	X	✓	✓	X
Lithium Batteries, spare/loose, including power banks see Batteries, spare/loose				
Lithium battery-powered electronic devices. Lithium ion batteries for portable (including medical) electronic devices (PED), 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
Lithium batteries, spare/loose 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 : Thai AirAsia X NOT accept any spare battery not indicating the Wh-rating on the package Note : Power Bank over 160Wh (32000mAh) is forbidden Note : Wh = Ah x V	✓	X	✓	X
Matches, safety (one small packet) or a small cigarette lighter 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
Mobility Aids : Battery-powered wheelchairs or other similar mobility devices with non-spillable wet batteries, nickel-metal hydride batteries or dry batteries Note: Refer GOM ch.4 (Baggage) / OM-A ch.9 (Dangerous Goods and weapons)	✓	✓	X	✓
Mobility Aids : Battery-powered wheelchairs or other similar mobility devices with spillable wet batteries or lithium ion batteries (non-removable) Note: Refer GOM ch.4 (Baggage) /OM-A ch.9 (Dangerous Goods and weapons)	✓	✓	X	✓
Mobility Aids : Battery-powered wheelchairs or other similar mobility devices with lithium ion batteries where the design of the mobility aid does not provide adequate protection for the battery(ies) Note: Refer GOM ch.4 (Baggage) / OM-A ch.9 (Dangerous Goods and weapons) Note: For all kinds of Mobility Aids with Batteries, passenger must contact AirAsia at least 48 hours prior to flight departure. Note: Lithium battery, 1 pc, for Wh-rating 160Wh but not exceeding 300Wh; 2 pcs for Wh-rating not exceeding 160 Wh, battery must be removed by user Note: Electrical circuits must be inhibited by the owner at check in counter Note: Thai AirAsia X allow mobility aids with battery only 04 items per 01 flight. Note: If battery found to be broken, cracked, completely drained out, immediately stop the process of loading the wheelchair.	✓	X	✓	✓
Non-radioactive medicinal or toiletry articles (including aerosols) such as hair sprays, perfumes, colognes and medicines containing alcohol; and Non-flammable, non-toxic (Division 2.2) aerosols , with no subsidiary hazard, for sporting or home use. The <u>total</u> net quantity of non-radioactive medicinal or toiletry articles and non-flammable, non-toxic (Division 2.2) aerosols, 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
Oxygen or air, gaseous, cylinders required for medical use. The cylinder must not exceed 5 kg gross weight. Note : Liquid oxygen systems are forbidden for transport.	X			
Permeation devices	X			
Radioisotopic cardiac pacemakers or other devices, including those powered by lithium batteries, implanted into a person or fitted externally.	X	ON ONE'S PERSON		X
Security-type equipment	FORBIDDEN			
Security-type attaché cases, cash boxes, cash bags, etc. incorporating dangerous goods, such as lithium batteries and/or pyrotechnic material.	FORBIDDEN			
Specimens, non-infectious	X			
Thermometer, medical or clinical, which contains mercury, one (1) per person for personal use, when in its protective case.	X	✓	X	X
Thermometer or barometer, mercury filled 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 66th