

Li-ion battery packs with a capacity exceeding 300Wh are classified as Hazardous Material, Hazmat Class 9 and will not be allowed on aircraft. Our battery packs do exceed this limit, however 8Ah 288Wh battery packs are available from us, these are acceptable for flight with some airlines but not all. **Please check with the airline you intend to fly with before purchasing an 8Ah 288Wh battery as some airlines will only accept batteries with a capacity of 4.5Ah 160Wh. We do not sell batteries with a capacity under 8Ah 288Wh.**

When planning your trip abroad the first thing to do at the earliest opportunity is to contact the airlines Special Assistance team and explain that you will be travelling with an electric powered wheelchair attachment that uses Lithium ion batteries. You will be asked some technical questions regarding the Cougar or Viper, we have answered these for you below and on page two.

Our batteries comply with all dangerous / hazardous goods regulations and meet the requirements of each test in the UN Manual of Test and Criteria. We can provide you with an MSDS (Material Safety Data Sheet) showing that the battery has passed all necessary tests and is safe to be taken on board aircraft.

The Cougar and Viper can fall into both of the next categories and it will be at the airlines staff discretion how it is handled.

Wheelchair or mobility aid with a lithium battery

This category is if the airline asks for the battery to remain locked to the cycle.

- The batteries must be of a type that meets the requirements of each test in the UN Manual of Tests and Criteria, Part III subsection 38.3. **Yes, the MSDS we can provide has this information.**
- The battery terminals are protected from short circuit e.g. by being enclosed within a battery carrier. **Yes the battery is in the lockable cassette.**
- Electrical circuits have been isolated and there is no chance of unintentional operation (i.e. all motors must be rendered inoperative). If this is not possible and as an absolute last step, the battery cables must be disconnected and the battery terminals must be insulated to prevent short circuits. **Yes the battery terminals can be isolated and as an additional precaution we supply a blanking plug.**

Where a battery powered wheelchair or mobility aid is specifically designed to allow its battery to be removed by the user (e.g. collapsible).

- This category is if the airline asks for the battery to be removed from the device and kept by the user.
- The battery must be removed. The device may then be carried as checked baggage without restriction. The battery must be protected from short circuit by insulating the terminals (e.g. by taping over exposed terminals).
- The battery must be protected from damage (by placing the battery in a protective pouch). The battery must be carried in the passenger cabin.
- Removal of the battery from the device should be performed by following the instructions of the manufacturer or device owner.
- The battery must not exceed 300Wh.
- A maximum of one spare battery not exceeding 300Wh may be carried. The batteries must be carried in the passenger cabin.

The pilot in command must be informed of the location of the mobility aid with an installed battery or the location of the lithium battery when removed and carried in the cabin.

Spare Batteries

If you want to take a spare battery you must inform the Special Assistance team at the time of booking.



Cougar Power Assisted Handcycle with 8Ah travel battery

Manufacturers name	Team Hybrid Ltd
Product name	Cougar
Length	1040mm
Width	610mm
Height	1120mm
Weight	15.5kg
Controller type	Digital
Lithium battery Wh rating	288 (8Ah)
IATA battery type code	UN3480
Freewheel fitted	Yes
Lifting handles fitted	N/A
Means of inhibiting circuits	Yes disconnect battery from motor

Viper Power Cycle with 8Ah travel battery

Manufacturers name	Team Hybrid Ltd
Product name	Viper
Length	1040mm
Width 1	650mm
Width 2 (with handlebars turned)	170mm
Height	1000mm
Weight	13kg
Controller type	Digital
Lithium battery Wh rating	288 (8Ah)
IATA battery type code	UN3480
Freewheel fitted	Yes
Lifting handles fitted	N/A
Means of inhibiting circuits	Yes disconnect battery from motor

