VALD

Human Measurement Systems

Safe To Fly

VALD human measurement systems comply with international standards for the transport of lithium-ion batteries. This document may be referenced and used by VALD employees or clients.

System	Battery	Watt Hours	Amp Hours	Voltage	Travel Compliance
DynaMo Lite	Lithium-Ion	2.22 Wh	0.6 Ah	3.7 V	☑
DynaMo Plus	Lithium-Ion	2.405 Wh	0.65 Ah	3.7 V	☑
DynaMo Max	Lithium-Ion	1.48 Wh	0.4 Ah	3.7 V	☑
ForceDecks Mini *(per plate)*	Lithium-Ion	7.4 Wh	2.0 Ah	3.7 V	☑
ForceDecks Lite *(per plate)*	Lithium-Ion	19.24 Wh	5.2 Ah	3.7 V	☑
ForceDecks Max *(per plate)*	Lithium-Ion	19.24 Wh	5.2 Ah	3.7 V	☑
ForceFrame	Lithium-Ion	19.24 Wh	5.2 Ah	3.7 V	☑
GymAware RS	Lithium-Ion	12.06 Wh	3.35 Ah	3.6 V	☑
GymAware FLEX	Lithium-Ion	4.44 Wh	1.2 Ah	3.7 V	☑
HumanTrak – Lenovo LOQ *	Lithium-Ion	57–60 Wh	3.8–5.1 Ah	11.3–15.5 V	☑
NordBord	Lithium-Ion	19.24 Wh	5.2 Ah	3.7 V	☑
SAGA AirBands	Lithium-Ion	1.11 Wh	0.3 Ah	3.7 V	☑
SmartHub	Lithium-Ion	7.03 Wh	1.9 Ah	3.7 V	☑
SmartSpeed Pro *(per unit)*	Ni-MH	18 Wh	2.5 Ah	7.2 V	☑
SmartSpeed Dash *(per unit)*	Lithium-Ion	7.03 Wh	1.9 Ah	3.7 V	☑
SmartSpeed Plus *(per unit)*	Lithium-Ion	38.85 Wh	10.5 Ah	3.7 V	☑

* *Battery specifications may vary across HumanTrak laptop models. Check your specific device details before travelling.*

BATTERIES UP TO 100 WH

Covers all products in the above table

- Devices with inbuilt batteries are permitted in **checked or carry-on baggage**. Devices must be completely powered off (not in sleep/hibernation mode) with the power switch or button protected against accidental activation.
- Spare batteries and power banks are permitted in **carry-on baggage only**. Each battery must be placed in a separate plastic bag or container, with exposed terminals protected against short circuit by covering with tape.

BATTERIES 100 WH – 160 WH

May apply to auxiliary/personal devices

- Devices with inbuilt batteries of this capacity may be permitted in **carry-on baggage only** and must be **declared during check-in**. Exposed battery terminals must be protected against short circuit by covering with tape.
- The same guidance applies for spare batteries and power banks, with a **maximum of two per passenger**.



Brodie Robinson – Head of Production Assets

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