

Technical Data Sheet

RESCUE AVABAG LITRIC 40 / 36 S

The RESCUE AVABAG LiTRIC is a lightweight avalanche airbag backpack for professional mountain rescue teams. Available with a short or regular back-length base and a 36 L or 40 L zip-on pack, it combines ORTOVOX's electronic LiTRIC® system with exceptionally intuitive handling. The system offers reliable, cartridge-free safety with multiple activations, fast USB-C charging, and one of the lightest airbag solutions on the market.



Key Features

- **Electronic airbag system with multiple activations:** Allows multiple deployments per charge on tour
- **Zip-On system:** Base and matching zip-on pack
- **Easy airbag repacking:** Quick and intuitive “stuffing” instead of complex folding
- **Integrated rechargeable battery:** USB-C charging with no disposable cartridges or batteries
- **Redundant airbag compartment closure:** Secured by zipper and additional latch mechanism
- **Lightweight construction:** Complete backpack weight under 2500 g
- **No interference with avalanche transceivers:** Top-rated device according to independent testing by the German Alpine Club (DAV) Safety Research
- **Identification & enhanced visibility:** Writable name tag and reflective design elements

Technical Specifications

Product Name	Rescue Avabag Litric 40	Rescue Avabag Litric 36 S
Product Category	Backpacks	Backpacks
Article Number	5000357	5000354
Color	Rescue red	Rescue red
Volume	40 L	36 L
Back Length	Regular	Short
Weight	2460 g	2420 g
Minimal Weight	2385 g	2345 g
System	LiTRIC®	LiTRIC®
Modularity	Rescue Avabag Litric 40 Zip	Rescue Avabag Litric 36 Zip

Product Features

Access & Organization

- Front access to main compartment
- Circumferential zipper for wide opening
- Separate safety compartment for avalanche equipment
- Map compartment
- Inner pocket
- Valuables compartment with key holder
- Write-on name tag

Ski & Gear Carry

- Diagonal skifix
- 2 ice axe fixations
- 2 additional straps for gear attachment
- Rope attachment
- Gear loops
- Helmet net

Safety & Rescue

- Integrated avalanche airbag system (with LED indicator)
- Height-adjustable activation handle
- Safety leg strap
- Chest strap with signal whistle
- Emergency gear holder
- Reflective design elements

Fit & Comfort

- Hydration system compatible
- Compression straps

Modularity

- Zip-On System

Airbag system – LiTRIC® Technology

Airbag system	LiTRIC® electronic system
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Deployment mechanism	Electric fan system
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Trigger	Mechanical
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Airbag volume	150 L
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LiTRIC® system weight	Approx. 1080 g
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Deployment time	< 5 s
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Multiple deployments	Yes
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Activations per charge (system ON)	2 within approx. 60 h
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Standby time (system OFF)	Approx. 30 days
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Operating elevation	0 m to 4808 m
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Permitted operating temperature	-30°C to 45°C (-22°F to 113°F)
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Permitted charging temperature	-20°C to 45°C (-4°F to 113°F)
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Optimum storage temperature (battery)	20°C (68°F)
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Battery	Lithium-ion, 3.7 V, 2000 mAh, 7.4 Wh
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Charging	USB-C
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Service life	50 deployments / 10 years
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ORTOVOX

Material

Base: Polyamide 420D Cordura

Zip-On: Polyamide 420D Cordura + Polyamide 420D Ripstop

Reflect

Certifications & Standards

EN 16716:2017: Mountaineering equipment – avalanche airbag systems

CE certified (TÜV SÜD NB 0123)

Complies with PPE regulation (EU) 2016/425 (module B)

Bluesign Restricted Substances List (RSL)

(comparable to OEKO-TEX® Standard 100 Annex 4)



Storage & Battery care

- Store with battery fully charged (charge for 24 h)
- Recharge at least every 12 months during storage
- Charge for 24 h before first use and after long-term storage

Safety Information

- Lock trigger handle during charging to prevent accidental deployment
- Keep air intake unobstructed during operation

Service Life

- Max. service life: 10 years from purchase or 50 deployments (whichever comes first)
- Actual lifespan depends on usage and conditions

Logo Personalization

- Various options, placements and sizes possible

Manufacturer

ORTOVOX Sportartikel GmbH
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