

# ATMOS | AURA AG LT SERIES

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SUSTAINABLE DESIGN

- bluesign® approved main body fabrics
- GRS-certified recycled main body materials
- PFC/PFAS-free DWR



♂ ATMOS AG LT 50



ATMOS AG LT 65



♀ AURA AG LT 50



AURA AG LT 65

Welcome to Osprey. We pride ourselves on creating the most functional, durable and innovative carrying product for your adventures. Please refer to this owner's manual for information on product features, use, maintenance, customer service and warranty.

## OWNER'S MANUAL

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[osprey.com](https://osprey.com)

# OVERVIEW



## SHARED

- 1 Included raincover
  - a Made with PFC/PFAS-free DWR and bluesign® approved materials
- 2 Curved zip access on each side panel
- 3 Floating top lid with lash points
- 4 Fabric reinforced front shove-it pocket
- 5 Tall dual-access side water bottle pockets
- 6 Dual upper/lower side compression straps
- 7 Dual zippered hipbelt pockets
- 8 Dual ice axe loops with upper compression strap capture
- 9 Removable sleeping pad straps
- 10 Internal hydration reservoir sleeve with center back exit port

## MAIN FABRIC

bluesign® approved recycled 210D nylon  
honey comb contrast, PFC/PFAS-free DWR

## ACCENT

bluesign® approved recycled 210D high  
tenacity nylon, PFC/PFAS-free DWR

## BOTTOM

bluesign® approved recycled 500D high  
tenacity nylon, PFC/PFAS-free DWR

## PRODUCT PROMISE

Less is more with the Atmos | Aura AG LT, which delivers our body-hugging AntiGravity suspension in a streamlined silhouette for technical backpackers. Lighter than its original counterpart, this pack delivers a thoughtfully simple feature-set while AntiGravity suspension—a continuous backpanel of lightweight mesh—keeps comfort at the forefront of the experience.

# OVERVIEW

## ATMOS AG LT 65

MEN'S

SPECS	S/M	L/XL
Cubic Inches	3967	4150
Liters	65	68
Pounds	4.07	4.25
Kilograms	1.85	1.93
Inches	33 h x 15 w x 13 d	35 h x 15 w x 13 d
Centimeters	83 h x 39 w x 32 d	90 h x 39 w x 32 d
<b>LOAD RANGE</b>	30-40 lb   14-18 kg	30-40 lb   14-18 kg
<b>INCLUDED</b>	Raincover	Raincover
<b>ADD-ON</b>	Reservoir 3L	Reservoir 3L



## ATMOS AG LT 50

MEN'S

SPECS	S/M	L/XL
Cubic Inches	3051	3234
Liters	50	53
Pounds	4	4.18
Kilograms	1.82	1.9
Inches	33 h x 14 w x 12 d	35 h x 14 w x 12 d
Centimeters	83 h x 35 w x 30 d	88 h x 35 w x 30 d
<b>LOAD RANGE</b>	25-35 lb   11-15 kg	25-35 lb   11-15 kg
<b>INCLUDED</b>	Raincover	Raincover
<b>ADD-ON</b>	Reservoir 3L	Reservoir 3L



## AURA AG LT 65

WOMEN'S

SPECS	WXS/S	WM/L
Cubic Inches	3845	3967
Liters	63	65
Pounds	3.84	4.01
Kilograms	1.74	1.82
Inches	31 h x 16 w x 12 d	33 h x 16 w x 12 d
Centimeters	78 h x 40 w x 32 d	83 h x 40 w x 32 d
<b>LOAD RANGE</b>	30-40 lb   14-18 kg	30-40 lb   14-18 kg
<b>INCLUDED</b>	Raincover	Raincover
<b>ADD-ON</b>	Reservoir 3L	Reservoir 3L



## AURA AG LT 50

WOMEN'S

SPECS	WXS/S	WM/L
Cubic Inches	2929	3051
Liters	48	50
Pounds	3.79	3.97
Kilograms	1.72	1.8
Inches	30 h x 14 w x 12 d	32 h x 14 w x 12 d
Centimeters	75 h x 35 w x 30 d	80 h x 35 w x 30 d
<b>LOAD RANGE</b>	25 - 35 lb   11-15 kg	25 - 35 lb   11-15 kg
<b>INCLUDED</b>	Raincover	Raincover
<b>ADD-ON</b>	Reservoir 3L	Reservoir 3L



# CARRY



LOAD LIFTERS

STERNUM STRAP

LIGHTWIRE FRAME

ERGOPULL HIPBELT

TORSO LENGTH GUIDELINES

LADDER LOCK HARNESS  
TORSO ADJUSTMENTS

CUSTOM FIT-ON-THE-FLY® HIPBELT

## ANTI-GRAVITY SUSPENSION

- + 4 mm powder coated full peripheral frame

## ANTI-GRAVITY BACKPANEL

- + Easy to access and operate injection-molded ladder torso adjustment system
- + Two-tone spacer mesh adds strength
- + Silicone print in lumbar zone adds grip for load transfer and comfort

## ANTI-GRAVITY HARNESS

- + Die-cut foam lower and mesh ExoForm wrap upper

## ANTI-GRAVITY HIPBELT

- + Revolutionary AG system seamlessly extends the tensioned backpanel into the hipbelt
- + Hipbelt overlay is integrated into the frame to ensure consistent load transfer
- + Extendable Custom Fit-on-the-Fly™ Hipbelt offers a precise fit for varying waist sizes
- + Incremental length and angle adjustments allow for a fine-tuned fit
- + Crossbody ErgoPull design pulls weight into lumbar when hipbelt is tightened

# SIZING / FIT

## ATMOS AG LT - MEN'S SIZING

**S/M** 17-20.5" / 43-52 cm

**L/XL** 19.5-23" / 49-58.9 cm

## AURA AG - WOMEN'S SIZING

**WXS/S** 13.5-17" / 34-43 cm

**WM/L** 16-19.5" / 40.5-49 cm

### WOMEN'S-SPECIFIC FIT

- + The unique suspended mesh located on the shoulders, backpanel, lumbar and hipbelt contour to a wide variety of body shapes and sizes to create a custom fit for your body.
- + The pack shape is narrower and deeper allowing greater freedom of movement and increasing stabilization by lowering the position of the load to a woman's center of gravity.
- + The shoulder harness is designed with different curves to create an anatomical fit for a woman's neck, shoulders and chest.
- + Women's hips are conically shaped with a larger difference between the waist and hip measurements. The hipbelts are shaped and angled to accommodate this difference which allows a more comfortable load transfer and support.

### PACK FIT INSTRUCTIONS

- 1 POSITION THE PACK**  
Completely loosen the pack's hipbelt, harness and load-lifter straps. Load the pack with 10-20 lbs./4-9 kg. of gear. Put the pack on and make sure the hipbelt is centered and rests over the hipbone. The hipbelt padding should sit halfway above/below the hipbone.
- 2 BUCKLE HIPBELT**  
Buckle and tighten the hipbelt evenly using Osprey's cross-body ErgoPull. The padding of the hipbelt should wrap around the hips with approximately 1-3 in./2.5-6 cm. of webbing between the buckle and the hipbelt when tightened.

### 3 HIPBELT ADJUSTMENT

If the hipbelt is too large and "tops out" or does not offer the preferred amount of coverage, the customer may need a different pack size, model or adjustment (Fit-on-the-Fly hipbelt imaged).

### 4 TIGHTEN SHOULDER STRAP

Tighten the shoulder harness straps by pulling them down and back.

### 5 TIGHTEN LOAD LIFTERS

Tightening the load lifters will pull the pack close to the body and help stabilize the load. If the torso length on the pack is adjusted correctly, the load lifters will sit between a 30- to 60-degree angle and align naturally with the shoulder straps.

### 6 CHECK TORSO LENGTH

Locate the harness yoke – this is where the harness straps come together near the base of the user's neck. Locate the C7 vertebra – the large protruding bone at the base of the neck. The yoke should be 1 in./2.5 cm. - 2 in./5 cm. below the C7 vertebra.

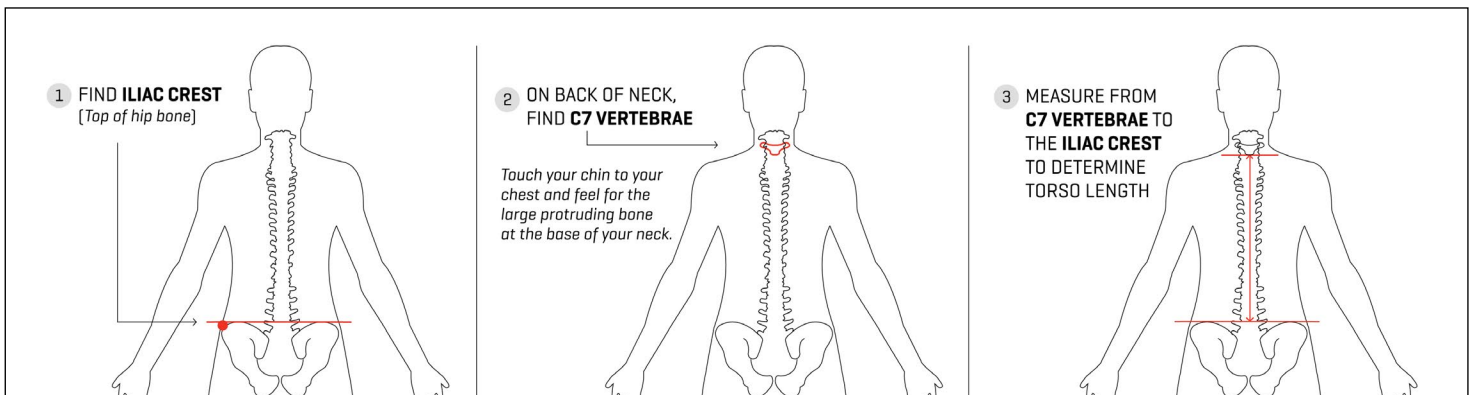
### 7 ADJUSTABLE HARNESS (TORSO LENGTH)

- a. Identify the two injection-molded adjustment ladders, which are located at the top corners of the tensioned mesh backpanel.
  1. Each adjustment ladder should have four cutouts. The pack harness will pass through one of these cutouts on each ladder, ending in a plastic harness toggle, which sets the torso length.
- b. To set the torso length to a different option, reach behind the adjustment ladder on both sides and lever the harness toggles until they are fully extended and straight, allowing them to pass through the ladder cutout. Once done on both sides, the harness should be free to slide up and down the LightWire frame.
- c. Slide the harness up or down along the LightWire frame to the appropriate torso length and re-insert the plastic harness toggles, curved side first, fully into the matching ladder cutout on both sides.
- d. Fully inserted, make sure the plastic harness toggle has been securely captured by the adjustment ladder and, under tension, is pulled up flat behind the backpanel. This ensures the toggle won't come out under weight and your torso adjustment is set.

### 8 STERNUM STRAP

Adjust the sternum strap to approximately 2 in./5 cm. below the collarbone; buckle and tighten to tension.

## HOW TO MEASURE YOUR BACK FOR YOUR PACK



# FEATURE DETAILS



## INTEGRATED FLAP JACKET COVER FOR LIDLESS USE

When using pack without top lid, unfold FlapJacket buckles and attach to the front vertical compression straps.



## FRONT STRETCH MESH POCKET FOR STASHING GEAR

Front stretch woven pocket stores gear you need quick access to, or holds wet gear to dry.



## FLOATING (REMOVABLE) TOP POCKET WITH WEB-ATTACHMENT POINTS

Removable top lid for trips that require less gear or to save weight.

- 1 Unbuckle the front retention straps.
- 2 Locate and unclip the buckles next to the load lifter triglides.
- 3 Unthread the male buckle piece through the web loop.
- 4 Reverse the steps listed to reattach the top lid.



## STERNUM STRAP WITH INTEGRATED SAFETY WHISTLE



## INTERNAL COMPRESSION STRAP

Once your pack is loaded, clip and tighten the red internal compression strap to stabilize the load.



## DUAL ACCESS STRETCH MESH SIDE POCKETS

Dual access side stretch mesh pockets store smaller items and provide access when wearing the pack. Items can be inserted from the top or side.



## SINGLE ZIPPERED TOP LID POCKETS

Zippered top lid pocket provides additional options for organizing and storing smaller items.

# FEATURE DETAILS



## REMOVABLE SLEEPING PAD STRAPS

Removable sleeping pad straps for external attachment.

- 1 Unclip the two sleeping pad strap buckles
- 2 Remove the webbing from the triglide at the base of the pack
- 3 Reverse to reattach upright



## DUAL ZIPPERED HIPBELT POCKETS

Zippered hipbelt pockets keep food and small items close at hand.



## INTERNAL RESERVOIR SLEEVE

Place reservoir inside sleeve to help ensure proper pack weight distribution. Clip reservoir to buckled loop to keep upright.



## DUAL ICE TOOL LOOPS WITH BUNGEE TIE-OFFS

The ice tool loops and bungee tie-offs provide secure tool attachment.