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.
OVERVIEW

SHARED FEATURES
1. Floating (removable) top lid with web-attachment points
2. Stow-on-the-Go™ trekking pole attachment
3. Dual access stretch mesh side pockets
4. Dual zippered top lid pockets
5. Dual ice tool loops with bungee tie-offs
6. Front stretch mesh pocket for stashing gear
7. Removable sleeping pad straps
8. Lower zippered sleeping bag compartment with removable divider
9. Dual upper and lower side compression straps
10. Sternum strap with integrated safety whistle
11. Dual zippered hipbelt pockets
   • Integrated FlapJacket™ cover for lidless use
   • Internal hydration reservoir sleeve

FABRIC
- MAIN: 100D x 630D Nylon Dobby
- ACCENT: 210D High Tenacity Nylon
- BOTTOM: 420HD Nylon Packcloth
## OVERVIEW

### ATMOS AG™ 65

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<tr>
<th>SPECS</th>
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**LOAD RANGE**
30 - 50lb

**UNIQUE FEATURES**
1. Two zippered front pockets provide additional organization options

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### ATMOS AG™ 50

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**LOAD RANGE**
25 - 40lb

### AURA AG™ 65

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**LOAD RANGE**
30 - 50lb

**UNIQUE FEATURES**
1. Two zippered front pockets provide additional organization options

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### AURA AG™ 50

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<th>SPECS</th>
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**LOAD RANGE**
25 - 40lb
SUSPENSION

1. **ANTI-GRAVITY™ SUSPENSION**
   - LightWire™-tensioned full peripheral frame comfortably transfers pack load

2. **ANTI-GRAVITY™ BACK PANEL**
   - Top-to-bottom suspended mesh wraps shoulders, back and hips for a fully integrated backpack fit

3. **ANTI-GRAVITY™ MESH HARNESS**
   - Adjustable suspended harness with structural load lifter bar for load transfer and comfort

4. **ANTI-GRAVITY™ HIP BELT**
   - Suspended mesh hip wrap for load transfer and comfort
   - Adjustable Fit-on-the-Fly™ hip belt

**OSPREY ANTI-GRAVITY™ (AG™)**
A continuous panel of lightweight mesh extends from the top of the back panel to the hip belt. The seamless structure contours automatically to the body, providing outstanding fit and unrestricted movement.

**MODIFIED ERGOPULL™ HIP BELT**

*65L / 50L*
Osprey’s ErgoPull™ design creates extra leverage when cinching down the hip belt.

- **A** Loosen the hip belt webbing so the hip belt is large enough to be buckled around the waist.
- **B** Grab the loose ends of the webbing on both sides and pull in and across the body evenly with both hands at the same time.
SIZING / FIT

ATMOS™ - MEN’S SIZING
S 16-19” / 40.5-48 cm  
M 18-21” / 46-53 cm  
L 20-23” / 51-58.5 cm

AURA AG™ - WOMEN’S SIZING
XS 14-17” / 35.5-43 cm  
S 16-19” / 40.5-48 cm  
M 18-21” / 46-53 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.

HARNESS SIZING
A Completely loosen the pack’s hipbelt straps, harness straps and load lifters.
B Load the pack with 10-20lbs/4-9kg of gear.
C Put on the pack ensuring the hipbelt is centered and resting over the user’s hipbones. The hipbelt padding should sit half above and half below the hipbone. Buckle the hipbelt and tighten the hipbelt straps.
D Tighten the shoulder harness straps by pulling them down and back. Adjust and buckle the sternum strap 2”/5cm below the collarbone. Tighten the load lifts to transfer the weight off of the shoulders.
E Find the harness yoke or where the harness straps come together near the user’s neck. The yoke should be 2”/5cm below the C7 vertebra. The C7 vertebra can be located by tilting the head down and finding the bone that protrudes at the base of the neck.
F Make a note of how far the yoke is from the C7 vertebra. Based on this measurement, the torso can be adjusted to the desired 2”/5cm.

HARNESS FIT
The harness straps should wrap fully around your shoulders with no gaps between the pack and back. The padded part of the harness straps should end 1”/2.5cm- 2”/5cm below the armpits and the sternum strap adjusted to approximately 2”/5cm below the collarbone.

C7 VERTEBRA  ILLIAC CRESCENT
SIZING / FIT

ADJUSTING HARNESS
65L / 50L
A  Completely loosen the pack’s load lifters and harness straps.
B  Locate the harness adjustment cams on the left and right side behind the fabric wing where the yoke wraps around the edges of the backpanel.
C  Push both cams down at the same time with your thumbs from the top of the harness attachment point to open and release the cams. While pushing down on the cam with your thumbs, use your index and middle fingers to grab the lower portion of the fabric wing in front of the cams.
D  With the cams released simultaneously, slide both sides of the harness up or down to your desired location based on your torso fit needs and release the cams.
E  Ensure the cams are lined up at the same height by comparing each side’s position using the line markings printed on the backpanel behind the suspended mesh. If they are uneven, release and adjust one side’s cam to match the other.
F  Follow “Harness Sizing” instructions to determine if the torso fit is correct.

FIT-ON-THE-FLY™ HIPBELT
65L / 50L
The Fit-on-the-Fly™ hipbelt pad extends up to 6”/15 cm to accommodate different hip sizes and provide a custom fit. To adjust the hipbelt:
A  Locate the adjustment icon on the hipbelt and slide a hand between the fixed hipbelt and the adjustable pad to separate the hook and loop closure.
B  Slide the adjustable pad into position so that it wraps around your hipbones.
C  Press firmly to re-engage the hook and loop closure.
D  Extend the pads the same distance on both hipbelt wings so the pack weight is distributed evenly.
   Once adjusted, clip the hipbelt buckle across your hipbones and tighten.
FEATURE DETAILS

1  FLOATING (REMOVABLE) TOP POCKET WITH WEB-ATTACHMENT POINTS
   65L / 50L
   Removable top lid for trips that require less gear or to save weight.
   A  Unbuckle the front retention straps.
   B  Locate and unclip the buckles next to the load lifter triglides.
   C  Unthread the male buckle piece through the web loop.
   D  Reverse the steps listed to reattach the top lid.

2  INTEGRATED FLAPJACKET™ COVER FOR LIDLESS USE
   65L / 50L
   When using pack without top lid, unfold FlapJacket™ buckles and attach to
   the front vertical compression straps.

DUAL UPPER AND LOWER SIDE COMPRESSION STRAPS
   65L / 50L
   Dual upper side compression straps with quick release buckles compress
   and stabilize loads for optimal carry and can be used to secure items to
   side of pack.

INTERNAL COMPRESSION STRAP
   65L / 50L
   Once your pack is loaded, clip and tighten the red
   internal compression strap to stabilize the load.

LOWER ZIPPERED SLEEPING BAG COMPARTMENT WITH
   REMOVABLE DIVIDER
   65L / 50L
   Lower zippered compartment for dedicated sleeping bag
   storage with detachable divider for unimpeded access to
   pack interior.
   A  Unthread the divider webbing from the triglide buckle
   and reverse to reattach.
FEATURE DETAILS

INTERNAL RESERVOIR SLEEVE
65L / 50L
Place reservoir inside sleeve to help ensure proper pack weight distribution. Clip reservoir to buckled loop to keep upright.

STOW-ON-THE-GO™ TREKKING POLE ATTACHMENT
65L / 50L
Osprey’s Stow-on-the-Go™ trekking pole attachment is designed to quickly attach and carry trekking poles while wearing a pack.
A Locate the elasticized loop on the lower left side of pack. While pulling the loop out from the pack, insert the basket end of the trekking poles into the loop.
B On the left harness strap locate the trekking pole icon. Pull up on the cord to open, place pole handles in the loop and tighten with the cord lock to secure.
C Reverse these steps to remove the trekking poles.

DUAL ICE TOOL LOOPS WITH BUNGEE TIE-OFFS
65L / 50L
The ice tool loops and bungee tie-offs provide secure tool attachment.
A Slide the tool shaft through the top of the ice tool loop and flip the shaft up toward the top of the pack.
B Loosen the bungee cord lock and route the tool handle through the bungee. Tighten the cord lock nesting it into the Y-clip to secure the tool into place.
C Reverse to remove.

REMOVABLE SLEEPING PAD STRAPS
65L / 50L
Removable sleeping pad straps for external attachment.
A Unclip the two sleeping pad strap buckles
B Remove the webbing from the triglide at the base of the pack
C Reverse to reattach
FEATURE DETAILS

**DUAL ACCESS STRETCH MESH SIDE POCKETS 65L / 50L**
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.

**DUAL ZIPPERED TOP LID POCKETS 65L / 50L**
Dual zippered top lid pockets provide additional options for organizing and storing smaller items.

**FRONT STRETCH MESH POCKET FOR STASHING GEAR 65L / 50L**
Front hybrid nylon/stretch mesh pocket stores gear you need quick access to, or holds wet gear to dry.

**DUAL ZIPPERED HIPBELT POCKETS 65L / 50L**
Zippered hipbelt pockets keep food and small items close at hand.

**DUAL ZIPPERED TOP LID POCKETS 65L / 50L**
Dual zippered top lid pockets provide additional options for organizing and storing smaller items.

**STERNUM STRAP WITH INTEGRATED SAFETY WHISTLE**
For more information on this product and others, pack care, how to pack your pack, our lifetime guarantee, or to contact Osprey Customer Service, visit ospreypacks.com.