

TECHNICAL DESCRIPTION & DATA

WAYFARER CAMPER Model LITE & LITE-S

The WAYFARER CAMPER LITE is a high-quality fiberglass Offroad Camper with a parallel lift roof, specifically designed for use on Pickup-Trucks. Featuring a monocoque construction, it offers excellent durability and 100% waterproofing, ensuring there are no signs of aging or wear at connection points or corners. Available in two bed lengths—1.75 m and 2.1 m—this model provides comfortable accommodation for up to 2 adults and 2 children.

The camper shell is equipped with a thoughtfully designed interior that maximizes comfort for long journeys. Its aluminum shelving system with removable Euroboxes provides practical storage solutions. Each unit includes a shower tray, water tank, power supply, and designated spaces for a portable toilet and cooler, along with a sink.

Available Cabin Variants are

Empty Cabin: Fully lined with felt for optimal thermal and sound insulation

Dinette Variant: Features an elevated seating area for additional storage

Flat-floor Variant: Keeps the roof closed, creating a space that functions as both a sleeping and seating area

Additional accessories like the fiberglass rear storage box, 2 kW portable DIESEL HEATER BOX, and the HOT WATER BOX at the rear are available for all variants.

The WAYFARER CAMPER offers high flexibility, catering to individual customer requests.



Cabin Body – Robust and Durable

- Monocoque construction: Made from a single piece, without adhesives, welding, or rivets – 100% waterproof and long-lasting
- Material: Wood-free, styrene-free, tinted fiberglass, antibacterial, and fire-resistant
- Insulation: 30 mm wall thickness with continuous honeycomb core insulation
- Parallel lift roof: Equipped with 4 gas springs and a reliable locking mechanism
- Mounting: 4 U-bolts to securely fix the cabin onto the pickup truck

This cabin is designed for high durability and performance, offering excellent water resistance and thermal insulation. The monocoque construction ensures long-lasting reliability without concerns of aging at the seams, and the materials used ensure safety and comfort in extreme conditions

Exterior

- Two-component epoxy paint in Telegray 2 (RAL 7046) with a polyurethane clear coat finish for robust protection
- Side windows (80 x 45 cm) with internal roller blinds and mosquito nets
- Painted fiberglass side adapters with side stands for added stability, making mounting and dismounting easier
- Powder-coated aluminum airline plates on the sides and rear
- Sand boards attached to airline mounting points in the alcove area

The exterior features a durable, weather-resistant finish, making the cabin ready for harsh conditions. The aluminum plates and fiberglass components add to the robustness and stability of the structure. The thoughtful design also ensures easy handling in challenging environments, offering flexibility for outdoor adventures

Tent Canvas – Durable and Weatherproof

- Material: High-quality, specially coated SUNBRELLA acrylic fabric designed to withstand extreme weather conditions
- The fabric is rubberized on the back, and the canvas consists of two layers, which are double-stitched and reinforced at six points with 5 cm wide strap material
- Breathing vents at the 4 corners, which can be closed with Velcro



- On both sides, there are two large zippered windows that can be opened, combining removable clear plastic windows for rain and sewn-in mosquito nets
- Additional storage: Removable fabric pockets are located beneath the four fabric windows
- The entire canvas, especially the seams, is factory-treated with impregnation to ensure optimal protection against moisture
- Interior: A removable 20 mm thick thermal insulation is integrated into the interior for added comfort

This tent canvas is ideal for challenging outdoor conditions, offering strong weather resistance, comfort, and functionality, especially with its thoughtful features like insulation and additional storage.

Interior – Comfort and Functionality

- 2m cabin height inside for ample standing space
- Door spyhole and rain guard lip above the door
- Magnetic flyscreen at the entrance, which can be attached to the doorframe using press studs
- Teak wood floor (100 x 70 cm) at the entrance, incorporating a shower tray for in-cabin showering. The shower curtain can be used with an external frame also outside
- 5.5 mm thick felt lining in the ceiling, walls, and bed area for moisture absorption
- Accents in matte black finish
- Seating for up to five people, with water- and dirt-resistant cushions
- Interior made from an aluminum shelf system and 4mm thick aluminum composite panels, all coated with two-component epoxy in matte gray (RAL7011) and polyurethane matte clear finish.
- Storage Options in the LITE-S
 - Two boxes with lids (40 x 28 x 60 cm)
 - One box with lid (40 x 22 x 60 cm)
 - One box with lid (40 x 17 x 60 cm)
- One reinforced Eurobox lid serves as a step; another can be used as an extra work surface in the kitchen
- Storage space under seating benches, the sink, and a mini-storage compartment (e.g., for toilet paper)
- Storage space under the bed in the alcove (170 x 140 x 15 cm high)
- 110 x 100 cm storage net under the ceiling
- Four large removable fabric bags with zippers under the side windows of the tent canvas
- 96 x 84 cm dinette platform with linoleum flooring



- Large cooler box storage space (70 x 47 cm) next to the sink
- 60 x 60 cm removable dining table, adjustable in height with a swivel arm
- Easy access to the bed via a reinforced Eurobox lid, which serves as a safe step

This well-designed space maximizes functionality and comfort for extended outdoor adventures, offering flexibility and clever use of space for various storage needs

Sleeping Area – Comfortable and Flexible

• Bed Sizes:

A 2.1 x 1.7 m pull-out alcove bed, designed with ventilation beneath for better airflow, ensuring a comfortable sleep experience

A 1.7 x 1.4 m bed with a wooden slat base, placed in the seating area for flexibility

• Mattresses:

Tailored dirt-resistant mattresses and cushioning, specifically designed to fit each bed size, ensuring both comfort and hygiene during long trips

This setup maximizes sleeping comfort and adaptability, making it perfect for a range of outdoor adventures or extended stays



Cooking – In the Cabin or Outdoors

- **Stainless Steel Sink:** Equipped with a flexible silicone mixing faucet, providing convenience for washing dishes and food prep
- **Generous Cutting/Work Surface:** Integrated directly on the Eurobox lid, offering ample space for food preparation
- **Multiple Storage Spaces:** Strategically placed shelves and surfaces around the sink to facilitate easy and efficient work while cooking
- **Outdoor Cooking:** The aluminum folding table with a gas stove can be set up outdoors for cooking in the open air. The Hot Water Box supplies water, ensuring both indoor and outdoor cooking remain convenient and functional

This combination of features makes cooking both inside the camper and outdoors smooth and enjoyable, with practical design elements for maximum space utilization



Power Supply – Self-Sufficient and Powerful

- Solar System: 460 W monocrystalline roof solar panels
 - Battery: 130 Ah deep-cycle gel battery
 - Solar Charge Controller: VICTRON 75/15 MPPT for optimal solar charging
 - DC-DC Charger: VICTRON ORION-TR 12/12-9A to charge the camper battery while driving via the vehicle's alternator
 - Shunt: 100A shunt with a display for 12V system monitoring
 - Shore Power: 12V battery charging system via external power connection
 - Connections: USB ports, 2 cigarette lighter sockets
 - External Plug: CEE socket for external power connection
 - 230V Outlet: Includes a CEE socket with USB and USB-C ports
 - Safety Systems: 12V mini fuse system and 230V FI safety system with digital voltage display for the 230V system
 - Lighting: On/Off switch with a dimmer for LED interior lighting (two side-mounted lights under the roof and an LED strip in the entrance/kitchen area)
 - Exterior Lighting: Three individually adjustable exterior LEDs
- This setup ensures an autonomous and powerful energy supply for extended off-grid adventures

Water System – Efficient and Practical

- External Connection: Water fill inlet with an integrated overflow opening
 - Water Filter: Connectable externally at the water fill inlet
 - Freshwater Tank: 60-liter capacity with a high-performance water pump and level indicator
 - Wastewater: 18-liter canister with an optional external drainage outlet
 - Sink: Stainless steel sink equipped with a single-lever mixer faucet for both hot and cold water
- This system ensures efficient water management for various needs during outdoor adventures



Accessories

- **Portable DIESEL HEATER BOX:** 2-kW Autoterm diesel heater with complete accessories, including options for both fresh air and recirculated air functions inside the cabin
- **HOT WATER BOX:** Gas-powered water heater operated with refillable camping gas cartridges
- **Fiberglass Rear Storage Box:** Designed with door sealing gaskets, locks, and hinges for secure storage

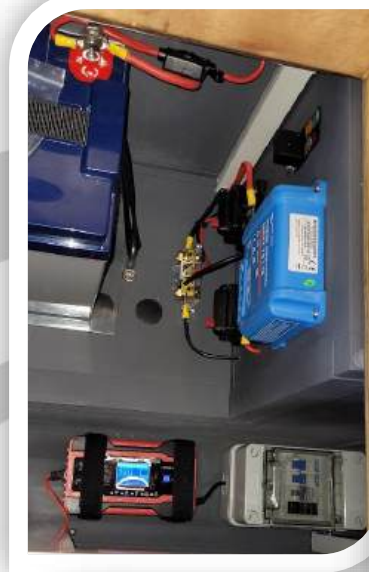
These accessories enhance comfort and functionality, making the camper suitable for extended and versatile outdoor use

Special Options available upon Request

- **Custom Interior Concept:** For example, options for seating and sleeping arrangements with the roof closed
 - **Standing Height above 2 Meters:** For added comfort and spaciousness
 - **External Alcove Storage Bag:** For additional storage space outside the cabin
 - **Additional Windows:** Positioned under the overcab area or between the vehicle and the cabin
 - **Bike bracket:** Available for installation inside the cabin
 - **Surf or Kiteboard Mounting:** Exterior mount for transporting surf or kiteboards
 - **Movie Ceiling Projector:** For relaxing movie nights while on the road
- These options allow for more personalized configurations to meet specific needs, enhancing the camper's functionality and comfort

Included Accessories

- **Shower Curtain:** For both indoor and outdoor use, with removable frame
- **Side and Rear Sunshades (3 x 3.5 m and 3 x 2.5 m):** Includes two telescopic poles, securing ropes, and tent pegs
- **Removable Mosquito Net:** Magnetic self-closing net that can be fastened with snap buttons
- **Camping Stove:** For both indoor and outdoor cooking.
- **Water Filter:** For filling the freshwater tank
- **Wooden Slat Frame:** Converts the sleeping area into a bed or lounging space



- Aluminum Ultra-Light Folding Table (120 x 60 x 70 cm): For outdoor use
- 1-Liter Fire Extinguisher: For safety while on the road
- Net Hammock: Comes with securing straps for easy attachment
- User Manuals: For all installed components
- Side stands with adapter: To lift the camper (also with power screwdrivers)
- 10 mm Thick Underlay Mat (2 x 1 m): For the pickup truck bed
- 4 tie-down straps
- MC4 Connector Pairs (male & female): For connecting the charge booster to the car alternator

These accessories add versatility and safety, ensuring both comfort and convenience during your trips

Conclusion

The WAYFARER CAMPER LITE & LITE-S is a rugged and high-quality solution for adventurous travellers, combining comfort and functionality. With its customizable options, it is the ideal companion for outdoor enthusiasts who value flexibility and long-term reliability

Notes

- *The described features depend on the model*
- *Mistakes and changes are possible as the cabin is continually being developed*
- *All listed measurements are approximate and may change with further developments*
- *RAL colors may vary slightly due to the additional two-component polyurethane clear coat lacquer finish*





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