

DE ZHOU AO ZI CAMPING EQUIPMENTS CO., LTD.

Product Guide

Off-road caravans, camper trailers and RV components.



MANUFACTURING FOR YOUR MARKET

Explore nine product platforms for dealer, importer and OEM / ODM projects. Use this guide to shortlist a model, then discuss your layout, equipment and destination market with AOZI.

02 Hybrid comparison
03-06 12 / 13 / 15 / 17 ft caravans

07 Folding camper trailers
08 Cargo & utility trailer
09-10 RV components

HYBRID CARAVANS / QUICK COMPARISON

Choose your starting platform.

Published reference dimensions and configurations. All four platforms support project-level customization.

Reference	12 ft	13 ft	15 ft	17 ft
Length x width x height (mm)	Approx. 5,440 x 2,000 x 2,050	Approx. 5,850 x 2,000 x 2,050	6,990 x 2,200 x 2,200	6,950 x 2,220 x 2,880
Dimension basis	Body dimensions	Body dimensions	Closed dimensions	Closed dimensions
Tare weight	1,600 kg	1,650 / 1,700 kg*	Discuss configuration	Approx. 2,600 kg**
Published mass rating	2,500 kg maximum towing mass	2,500 kg maximum towing mass	3,000 kg ATM	3,050 kg ATM
Tow-ball weight	180 kg	180 kg	Discuss configuration	250 kg
Sleeping capacity	4 people	4 people	4 people	4 people
Reference equipment focus	400 W solar; 200 Ah battery; 2,000 W inverter	Energy, refrigerator and bathroom systems	Aluminium-alloy frame; folding kitchen; indoor bathroom	Independent suspension; twin spares; external kitchen

* 13 ft: two reference tare weights are listed. Final weight and configuration must be confirmed.
** 17 ft: tare weight varies with selected options. Mass-rating labels are retained as published; final technical documentation governs the order.

BEFORE QUOTATION

Confirm target market, intended use, preferred layout, equipment package and expected quantity. Final dimensions, loads and scope of supply are agreed during technical review.

HYBRID CARAVANS / 12 FT

12 ft Hybrid Pop-Up Caravan

A compact four-berth platform with a pop-up body and outdoor living systems.



REFERENCE SPECIFICATIONS

Body dimensions	Approx. 5,440 × 2,000 × 2,050 mm
Tare weight	1,600 kg
Maximum towing mass	2,500 kg
Ball weight	180 kg
Tyres	265/75 R16 MT
Berths	4 people

REFERENCE CONFIGURATION

- 400 W solar power
- 200 Ah lithium battery
- 2,000 W inverter
- Dual water tanks
- Awning and shower equipment

[View product details and gallery >](#)

Reference build shown. Final dimensions, equipment, colour and quantity are confirmed before supply.

HYBRID CARAVANS / 13 FT

13 ft Hybrid Off-Road Caravan

A four-berth platform for energy, water and comfort-system configuration.



REFERENCE SPECIFICATIONS

Body dimensions	Approx. 5,850 × 2,000 × 2,050 mm
Tare weight	1,650 / 1,700 kg
Maximum towing mass	2,500 kg
Ball weight	180 kg
Berths	4 people

REFERENCE CONFIGURATION

- Lithium-battery system
- Solar-power system
- Refrigerator
- Water heater and toilet
- Dual water tanks and shower equipment

[View product details and gallery >](#)

Reference tare weights: 1,650 / 1,700 kg. Final weight and corresponding configuration must be confirmed before supply.

HYBRID CARAVANS / 15 FT

15 ft Folding Family Off-Road Caravan

A four-berth folding family platform with an indoor-bathroom reference configuration.



REFERENCE SPECIFICATIONS

Closed dimensions	6,990 × 2,200 × 2,200 mm
Open height	3,110 mm
Interior clear height	2,050 mm
Frame	Aluminium alloy
ATM	3,000 kg
Berths	4 people

REFERENCE CONFIGURATION

- Aluminium-alloy frame
- Folding kitchen
- Indoor bathroom
- Family folding layout
- Off-road caravan platform

[View product details and gallery >](#)

Tare weight, tow-ball weight, loads and final layout: discuss configuration. Final supply follows the agreed technical specification.

HYBRID CARAVANS / 17 FT

17 ft Hybrid Off-Road Caravan

A four-berth platform with exterior kitchen, independent suspension and extended water-energy capability.



REFERENCE SPECIFICATIONS

Closed dimensions	6,950 × 2,220 × 2,880 mm
Tare weight	Approx. 2,600 kg; options affect tare
ATM	3,050 kg
Tow-ball weight	250 kg
Berths	4 people

REFERENCE CONFIGURATION

- Independent suspension
- Twin spare tyres
- 4.5 m waterproof awning
- Stainless-steel external kitchen
- 2 × 120 L fresh-water tanks
- 75 L grey-water tank
- 2 × 135 Ah lithium batteries

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Tare weight changes with selected options. Final build, water-energy package and destination-market requirements are confirmed before supply.

CAMPER TRAILERS

Folding camper trailers

Four-berth platforms with tent-body layouts and project-level configuration.

Forward-Fold Camper Trailer



Closed dimensions	4.9 × 1.9 × 1.3 m
Tare weight	Approx. 1,350 kg
Maximum towing mass	Approx. 2,000 kg
Berths	4 people

[Model details >](#)

Review tent fabric, kitchen, storage, chassis and awning / annex options.

Double-Fold Off-Road Camper Trailer



Closed dimensions	5,800 × 2,200 × 1,550 mm
Tare weight	1,950 kg
Payload	650 kg
Berths	4 people

[Model details >](#)

Bathroom and rooftop-tent packages are configuration options.

Reference configurations shown. Final layout, equipment and target-market requirements are confirmed before production.

UTILITY TRAILERS

Cargo & Utility Trailer

A configurable platform for equipment, tools, expedition cargo and utility transport.



CONFIGURE AROUND THE LOAD PLAN

External dimensions	Discuss length, width and height
Cargo volume	Configured around the load plan
Access	Side doors, rear door or ramp options
Towing platform	Axle, suspension and coupling selected for the project

Customization can include shelves, drawers, tie-downs, partitions, access arrangement, electrical systems and branded fit-out.

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For storage and utility transport. External dimensions, axle rating, access layout and internal zoning are agreed before quotation.

RV COMPONENTS / 12V FOUR-LEG SYSTEM

Automatic Leveling & Stabilization System

Sensor feedback coordinates four electric legs for caravan leveling and stable support.



Workshop installation photograph

TECHNICAL REFERENCE

System	4 legs per set
Voltage	12V DC
Rated load	800 kg per leg
Combined load	3,200 kg per set
Structure	A3 carbon steel
Support angle	95 degrees

CHASSIS-SPECIFIC FITMENT REVIEW

Send the vehicle model, maximum vehicle mass, chassis drawing or available mounting dimensions, required extension stroke, annual quantity and destination country.

- Mounting space, bracket arrangement and extension stroke are reviewed before supply.
- Wiring and controller integration follow the agreed installation instructions.

Product details, fitment review and operation video >

Specified for leveling and stabilization. The recommended maximum vehicle mass of 3,500 kg is not lifting capacity. Final chassis suitability must be confirmed.

RV COMPONENTS / VEHICLE ENTRY

Integrated Manual / Electric RV Step

Single- or double-step formats for OEM and aftermarket integration.



Reference configuration shown

REFERENCE DIMENSIONS

Step options	Single or double
Overall width	600 mm
Mounting cavity	533 mm
Pedal width	565 mm
Folded size	165 x 563 mm

6061 aluminium-alloy pedal and Q345B support arms. Review the step format, mounting, controls and wiring before quotation.

[View product details and gallery >](#)

START YOUR AOZI PROJECT

Tell us your product, target market, preferred configuration and quantity.

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