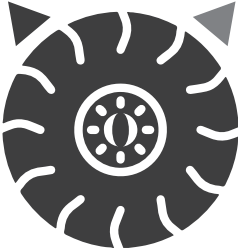
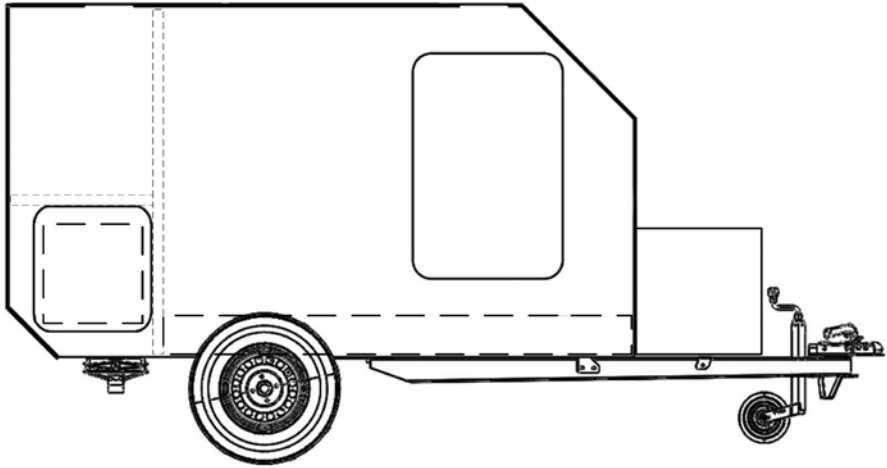


Wild  **Cat**
campers



OFF-Road Camper Trailer

Passport and Instruction Manual

CONTENT

1. General Instructions	2
2. Main Characteristics	3
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4. Identification Means	6
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Dear consumer

Our camper trailers with a gross weight of up to 750 kg, equipped with a single torsion bar suspension supplied with a frame set between or above the wheels without brakes, are designed for outdoor activities, hunting trips and tourism (hereinafter referred to as trailers or trailer).

Its main components (chassis system (AL-KO), hitch coupling (AL-KO), electrical equipment meet current certification requirements.

Please send your comments and suggestions on improving the quality of the trailer to the email tuningtown7@gmail.com

The company is constantly working to improve the trailer's design and its components, therefore they may differ to some extent from those described in this Instruction Manual.

GENERAL INSTRUCTIONS

The trailer is designed to run on the general network roads where your towing car is allowed to be operated. It may be kept outside at the ambient temperature ranging from -40 °C to +45°C.

When using a towing car whose tires differ from those on the trailer, the trailer owner is to pay for a spare tire supplied by the manufacturer, or independently supply the trailer with a spare tire.

When purchasing a trailer, please consult the trailer manufacturer regarding its operational capabilities and whether it is fit for your car.

To provide a better rear view of the trailer and the traffic while driving, we recommend you to equip your car with easy-to-remove side rearview mirrors set on extended swivel tripods.

To transport the trailer, your car must be equipped with a ring hitch and an electrical outlet from the on-board electrical network. When buying a trailer, you should keep in mind that the length of the trailer should not exceed 1.5 of the length of your car.



Please read this Instruction Manual carefully and strictly follow the requirements it specifies before using the trailer.



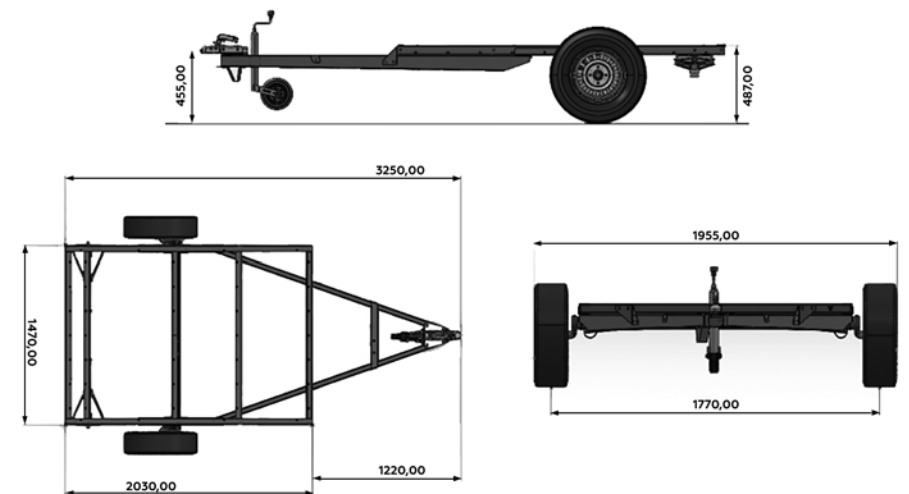
When buying a trailer, please be sure to request:

- verification of the trailer's completeness
- checking the trailer's operability
- presence of the trailer's factory number, the trade organization's stamp, and the date of sale, presence of certificates of conformity.

After selling the trailer to the buyer, the manufacturer or trade organization shall not accept claims for incompleteness and external mechanical damage.

MAIN CHARACTERISTICS

Trailer modification characteristics



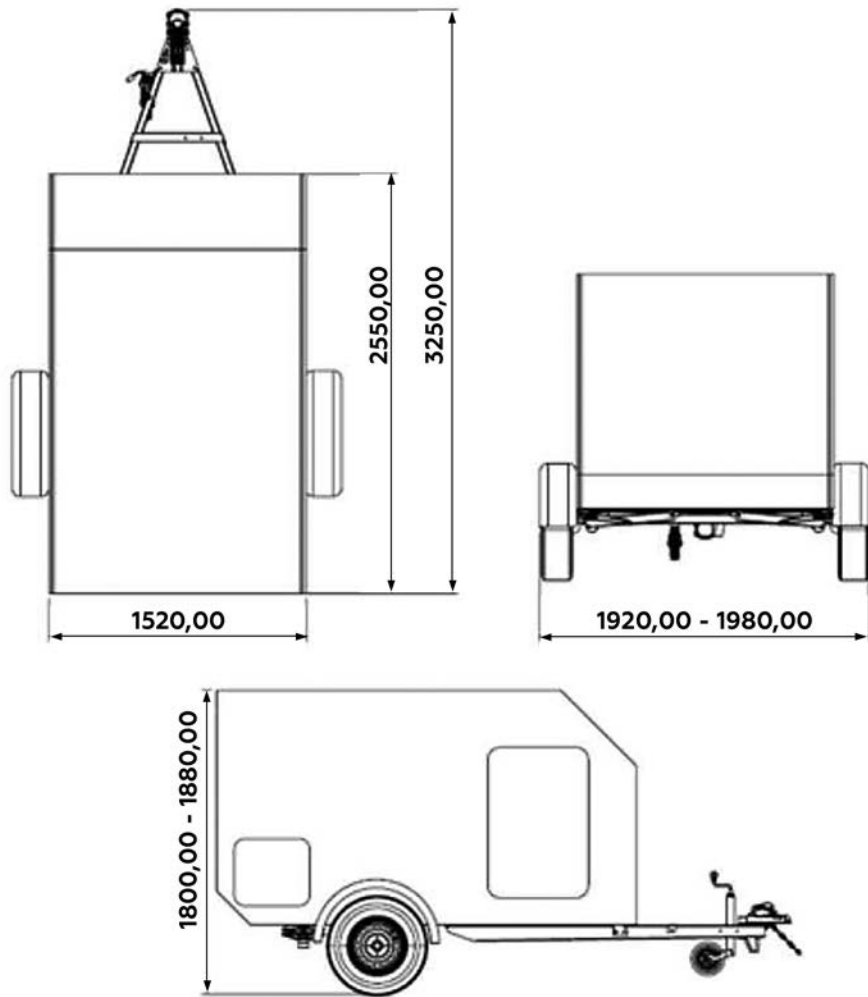


Fig. 2 - General view of the trailer's frame.

Demountable frame is made of roll-formed section with bolt fastening. Demountable V-shaped drawbar is made of a curved C-shaped section. The frame is very rigid due to the prefabricated component of the longitudinal and transverse channels with bolt fastening. This design is resistant to torsion.

Table 1. General characteristics of trailers

CHARACTERISTICS	VALUE
1. Maximum speed, km/h	110
2. Weight characteristics, kg	
2.1 Weight of the equipped trailer, kg	290-550
2.2 Load capacity, kg	200-460
2.3 Gross weight, kg, maximum	750
2.4 Weight distribution, kg: - on the ring hitch, maximum	20-40
3. Chassis system:	1
3.1 Number of torsion axles:	
3.2 Axles: type	torsion
3.3 Maximum permissible technical load on the axle, kg	750
3.5 Number of wheels	2+1*
3.6 Wheels, type and size	5JX14 4X98 DIA 57 or 6JX15 5x112 DIA57
3.7 Tires, type	165/70 R14 or 205/70 R15
3.8 Tire air pressure, mPa	0,22 - 0,25
4. Trailer dimensions.	3450/3650x1960x1880

SAFETY REQUIREMENTS

When checking the condition of the trailer for traffic safety before departure, you must primarily check the technical condition of the hitch coupling, chassis system, lighting and light alarm devices, cargo placement and fastening. Operation of the trailer when the hitch coupling wear limit is exceeded, which shall be checked by the wear indicator, is STRICTLY PROHIBITED. Worn elements of the device (ring hitch, or the entire device) must be replaced IMMEDIATELY.

- The cargo must be properly secured to prevent it from shifting during movement.
- The total structural weight must not exceed 750 kg allowed by the trailer's manufacturer
- The external and internal surfaces of the trailer must be free of elements that may cause injury to people and damage cargo.

When using the trailer, IT IS PROHIBITED TO:

- Load the trailer in excess of the total permissible weight specified by the manufacturer
- Carry out the movement of a road train with faulty power grid, lighting devices, lowered or not properly fixed parking foot.
- Leave the road train or uncoupled trailer on a slope, if there are no wheel chocks set under the wheels from the slope's side
- Carry out the movement of the road train if the trailer has no licence plate, or it is closed or unlit.
- Modify the trailer's design without the manufacturer's consent.

The manufacturer shall not be liable for the safety and reliability of the trailer's operation if the consumer introduces modifications to its design.
Electrical Equipment

The trailer's power supply is provided from the towing car's power supply system, or from an autonomous battery.

Current parameters: 12V constant voltage.

IDENTIFICATION MEANS

1	Left turn	red
2	Rear foglight	red
3	Weight	black
4	Right turn	red
5	Right headlight	red
6	Stoplight	red
7	Left headlight	red
8	Reverse gear	red
9	Not used	
10	Not used	
11	Not used	black
12	Not used	black
13		

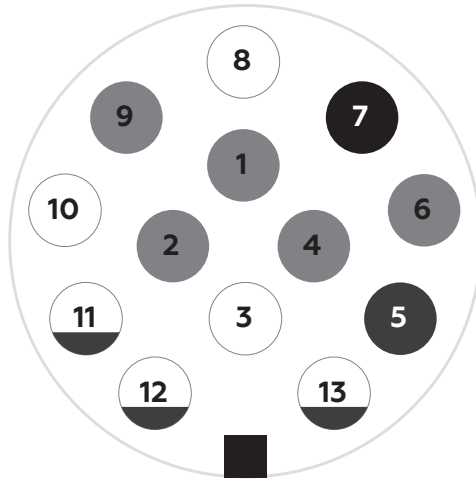
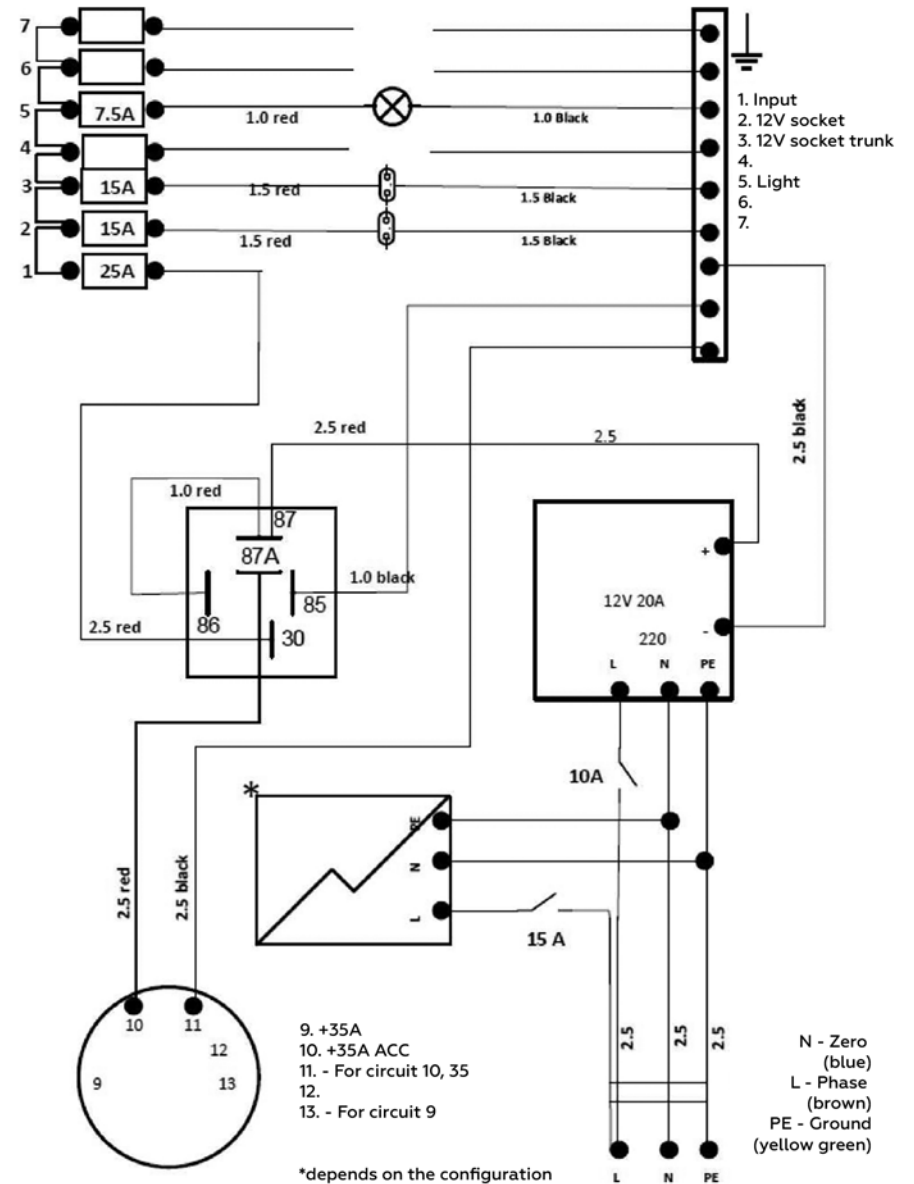
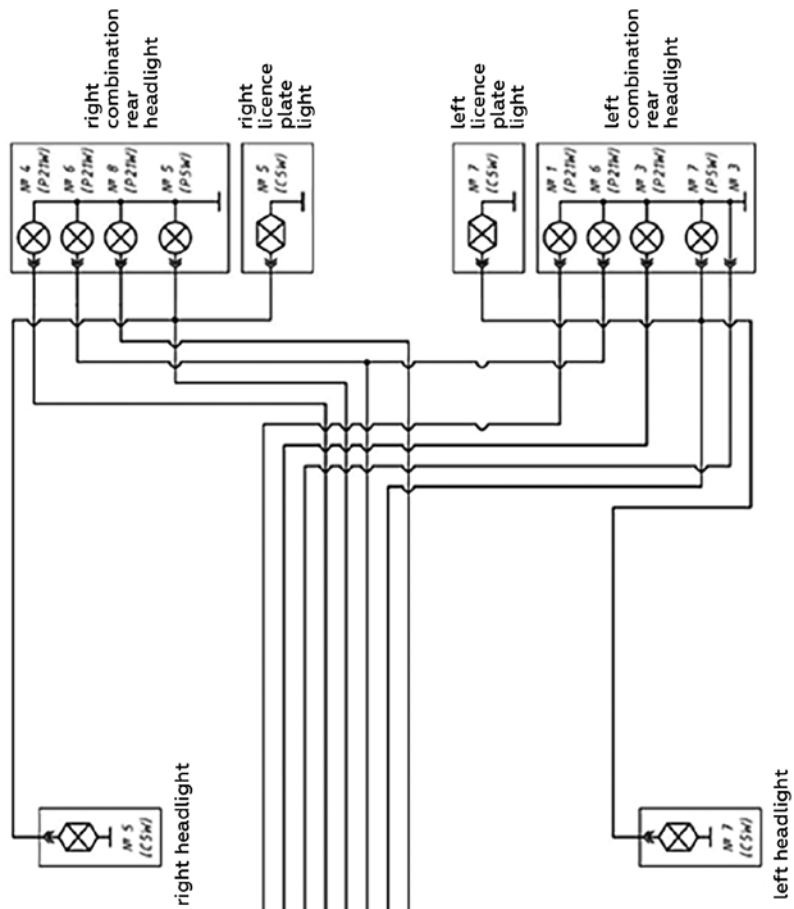


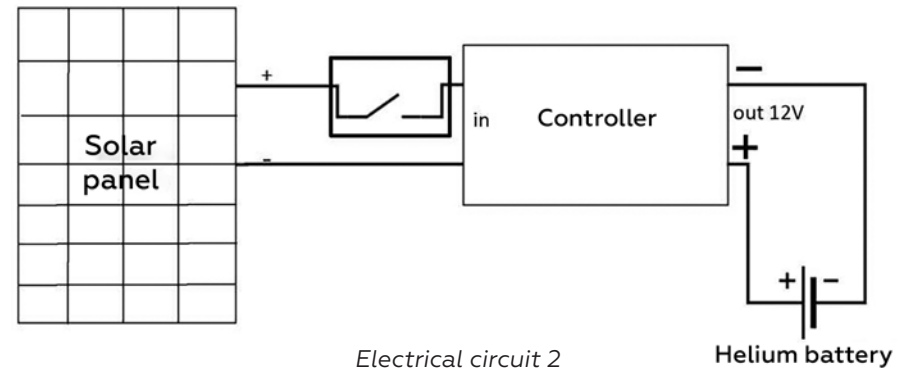
Fig. 3. Function of the contacts to a 13-pin connector.



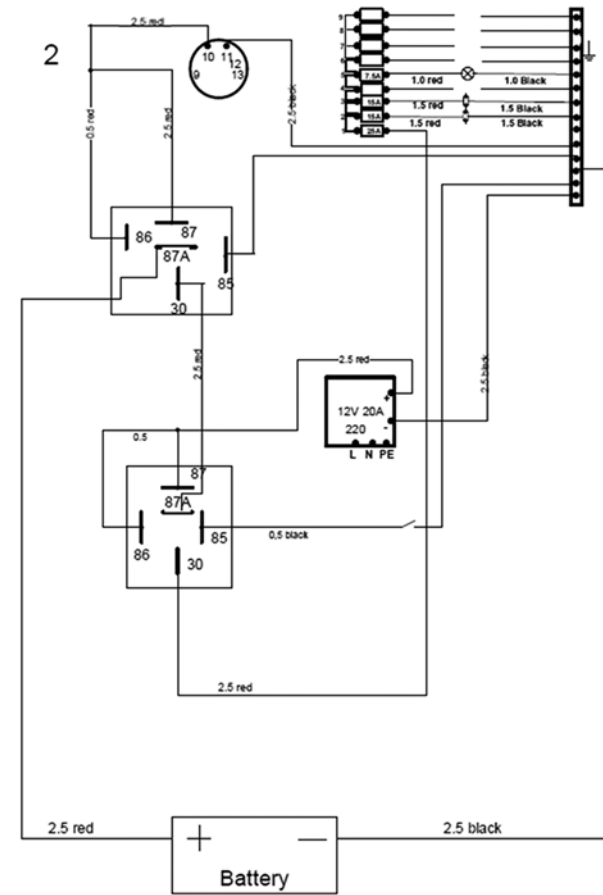


№	contact	colour
1	подборот абаду	кызыл
2	баракча протектордун абаду	кызыл
3	нега	кызыл
4	подборот арабаду	кызыл
5	арабаду арабаду	кызыл
6	сман-сманга	кызыл
7	арабаду абаду	кызыл
8	сүзүмгө арнама хобы	кызыл
9	не баракчапротектордун абаду	кызыл
10	не баракчапротектордун абаду	кызыл
11	не баракчапротектордун абаду	кызыл
12	не баракчапротектордун абаду	кызыл

Basic electronic circuit.
It may change depending on the mounting of the lights.



Electrical circuit 2



Electrical circuit 3

COMPLETENESS

The set includes:

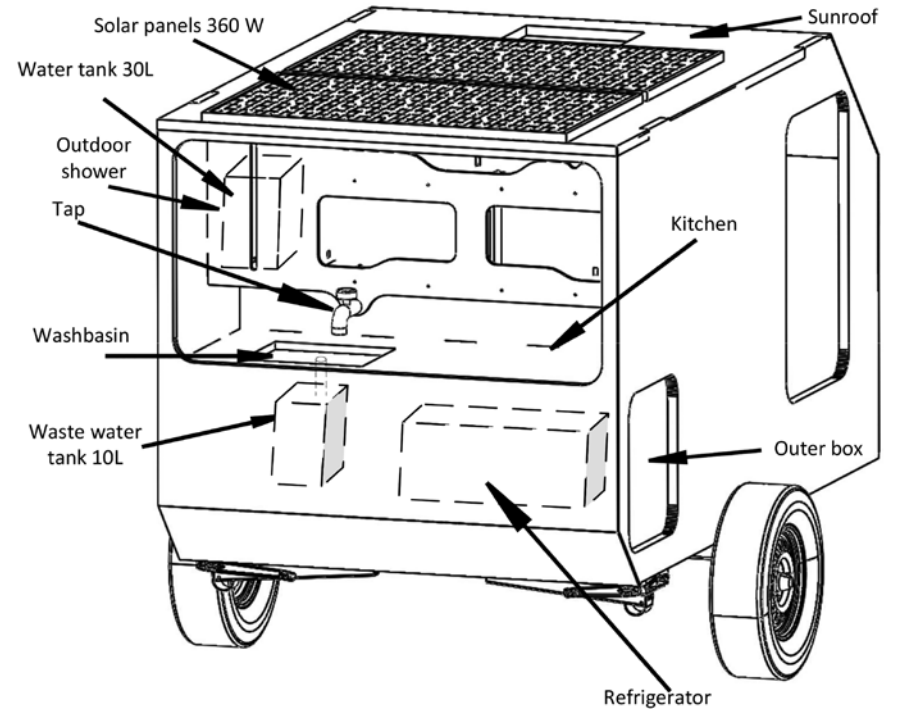
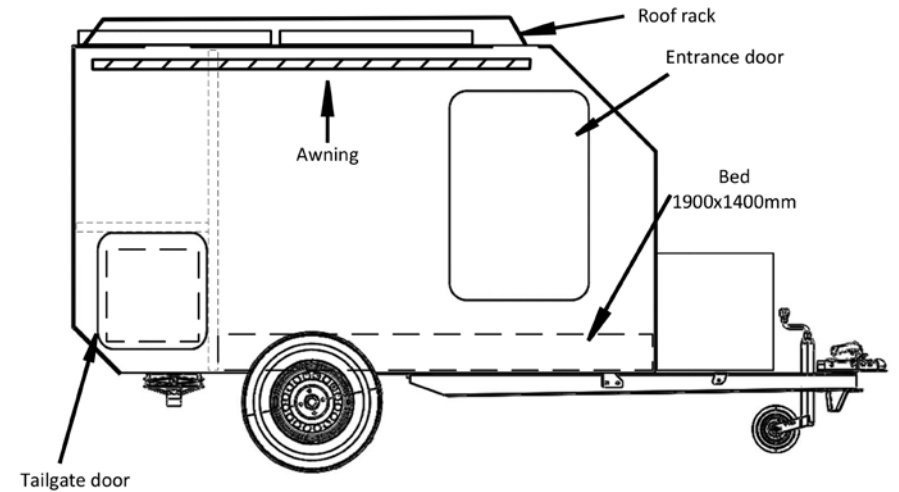
1. Trailer
2. Passport and Instruction Manual
3. Additional modules:

1. Overhead mounted storage box and shelf in the cabin	
2. Wall cabinets (kitchen)	
3. Power supply 220V + 12V converter	
4. Power supply 12V sockets + lighting	
5. Water intake system + fittings + tank + tap	
6. Washbasin + fittings + drain	
7. Sunroof + insect screen	
8. Mattress + two pillows	
9. Rooftop awning	
10. Gas cooktop	
11. Built-in electric stove	
12. Additional door opening to the salon	
13. Self-contained heater	
14. Jacks	
15. Drawbar's box	
16. 12V 100A/H helium battery + solar panel + controller	
17. Compressor refrigerator	
18. Thermoelectric refrigerator	
19. Sliding mechanism for the refrigerator	
20. Door 475 mm x 500 mm (for refrigerator)	
21. Grey water tank	
22. Movable table	
23. Floor battery box	
24. Double floor with slats	

MANUFACTURER'S WARRANTY

Warranty servicing shall be performed only in a certified service centre, subject to compliance with all operational requirements.

Trailer's production date: ___ / ___ / ____



GENERAL DESCRIPTION

OF CARAVAN (TRAILER) OF OFF-ROAD MODEL

The main components of the trailer, which are necessary for safe use and as a requirement for certification of the vehicle, are used by the German manufacturer AL-KO and comply with ISO 9001. The chassis is based on an independent axle of AL-KO with a load of 750-1300 kg. Depending on configuration, it can be equipped with the overrunning brake system of AL-KO with hitch mechanism and shock absorbers. Wheel rims as R14 or R15 are used. The lighting equipment is mounted from the Polish manufacturer FRISTOM and complies with ISO 9001. When developing the model, the standards for the possibility of trailer operation in different states were taken into account.

The caravan (trailer) is manufactured of sandwich panels with a thickness of 32 mm. The internal filling of sandwich panel is Styrodur with the application of waterproof plywood Metsawood. The face sides are manufactured of 1.2 mm thick plastic. The peculiarity of such combination of materials is a high coefficient of stiffness and density, ease, environmental friendliness, staying qualities. These panels are not afraid of external factors and temperature differential. When using such panels, the van is thermally efficient: cool in summer, warm in winter. Also, humidity control and temperature balance were taken into account in the construction of the van. The elements that will help to exchange cold air with warm one are responsible for them. The constructional feature of the integrity and stiffness of the van is in the method of spike to spike connection of the panels. The ideal aesthetics and quality of the van is a combination of views of designers and engineers, achieved in the construction of the OFF-ROAD jvan. The accuracy of assembly is achieved as a result of the development of 3D modulation of the model and highly accurate cutting with a CNC machine. As a result, we got the maximum accuracy and efficiency of the assembly. Depending on configuration, the total weight of the trailer is 350-600 kg.

The frame is manufactured of galvanized sheet metal. When developing the frame, ease, accuracy and staying qualities of the construction were taken into account. When processing sheet metal, the CNC guillotine cutting method was used. The accuracy of the geometry was achieved due to engineering calculations, the stiffness - due to the bolted connection. Ladder-type construction is with a bolted connection. V-type draft pole. The van has high stiffness and light weight.

The fittings, which are mounted in the van, are manufactured of high-quality aluminum. They meet all the requirements of the standards (there are no sharp angles; hinges of a hidden type are mounted; there is a double seal; the locks have a soft close function; a keyhole is made of stainless metal and has a Mult-t-lock secret; an entrance door has two parts, one of which serves as an anti-vandal grille and mosquito net). A sunroof with a mosquito net* is

mounted on a roof in the interior for ventilation and clean air access. A sliding window is also equipped with a mosquito net.

Comfort:

All furniture and cabinets, which are located in the interior and in the kitchen compartment, do not have sharp angles. There are milled-out holes on the shelves, through which it is possible to fasten things with a belt. In the kitchen compartment there is a container for clean water with a capacity of 30 litres*. The hoses connection for water abstraction and shower head are delivered on by the method of connection of clip-on chuck into the faucet that is located in the kitchen compartment. A gas stove is installed on a remote-mount table, which is attached to a groove on the left side of the back of the van*. The table has a built-in mounting for a garbage bag.

Berth:

The mattress is 80 mm thick*. Depending on configuration, it is possible to mount slats under the mattress in the interior for a more comfortable berth. As a result, a luggage compartment appears under the mattress.

Luggage compartment:

On the right side there is an access hatch, when opened, an access to a slide-out mechanism with a refrigerator* appears. It can be unlocked by unscrewing the latch screw, and inserted into the hole on the left hand side. There is also a 12V socket on the left hand side.

On the left side of the luggage compartment there is access to a container with a quick removal with waste water and the possibility of transfer of the container to an open space. Also, nearby there is a hose for water abstraction and a hose with a shower head, which connects to the kitchen faucet.

Power supply:

On the left side of the van there is a 220V socket. With the help of adapter (located in the luggage compartment), it is possible to connect to an external socket. LED lighting and 12V sockets are on hand in each compartment (interior, luggage, kitchen, street). In the power supply system there is a 220V/12V inverter and controller that prioritizes the power supply (external 220V → connected car socket 13 PIN → built-in battery*). Also, the van can be equipped with autonomous heater (item 1.13 of the price list) and autonomous power supply (item 1.16 of the price list) that includes solar panels and energy battery, which is enough for power supply for the refrigerator and lighting. It is also possible to install a 12V or 24V roof air conditioner (item 1.27 of the price list).

All the power supply in the caravan (trailer) is mounted depending on the selected configuration in accordance with the price list.

* depending on configuration. When changing the configuration, the construction may change.

DESCRIPTION OF CONFIGURATIONS

(EXPLANATION TO THE PRICE LIST)

START MODEL. The model is equipped with P-14 rims. The basic colour is white (RAL 9010). On the right side of the van: entrance door with mosquito net 600mm*900mm – 1 pc. On the left side: sliding window with mosquito net 300mm*500mm – 1pc. Luggage compartment: access hatch 450mm*400mm – 1 pc. Kitchen compartment: access hatch 1400mm*700mm. Interior size for rest is 1890mm*1250mm*1450mm (without taking into account the front bevel) = 3.42 m³. Kitchen compartment size: 670 mm * 1450 mm * 740 mm = 0.72 m³. Luggage compartment size: 530 mm * 500 mm * 1450 mm = 0.38 m³ (without taking into account the bevel).

Wall hanging cabinets located in the interior for rest, with open access and holes on the shelves for the possibility of mounting of things with tie down rings. The shelf is located in the front part of the van.

Wall hanging cabinets located in the kitchen compartment, with open access and holes on the shelves for mounting of things with tie down rings.

External socket 220 V + inverter 220V*12V*20A + built-in power controller 12V (van power controller priority 1- 220V. 2- auto 13 pin. 3-built-in battery). External power supply connection is carried out by an adapter. The location of adapter is the luggage compartment on the built-in mounting.

Interior: 2 sockets 12 V + lighting with a switch 3 pcs. Street: lighting + switch in the interior. Kitchen compartment: lighting + switch + 12V socket (when equipped with item 1.16, built-in autonomous power supply controller). Luggage compartment: 12V socket.

The built-in 30 litre container for clean water is located in the kitchen compartment on the left side. Water abstraction is carried out by an active adapter through a drain tap, which is located in the luggage compartment on the built-in mounting.

Rectangular deep washbasin 330mm*300mm of stainless steel.

Roof hatch 400mm*400mm FIAMM with mosquito net.

Mattress 1860*1400*80 + 2 pillows

Marquee (Depending on configuration, 2000 mm*2500 mm or 2500 mm* 3000 mm.)

The front part of the van is equipped with the **DAKEN container**. (Depending on configuration, 750*350*450 mm or 750*350*300 mm)

Built-in **kit “autonomous energy”**. Solar panel 360W + controller + 12V 100A GEL battery (Refrigerator-freezer + lighting will work autonomously)

Compressor refrigerator-freezer (-18 °C). The volume is 35 litres. 12V. 220V. Built-in sliding mechanism for the refrigerator, size 700mm*360mm. Possible vertical load is 60 kg. Access hatch 475mm*500mm.

Waste water tank. It is located in the luggage compartment with the possibility of taking it out into an open space with the preservation of functionality. The capacity is 10 litres.

Remote-mount table size of 100mm*330mm for gas stove + hole of 100mm*230mm for mounting of garbage bag. The table is mounted into a quick removal, on the left side of the back part from the outside of the trailer in the open space. In the folded state, it is mounted to a bolt connection in the interior of the trailer under the wall hanging cabinets.

A **metal drawer** is attached to the frame of the trailer with access from the interior. Purpose: the possibility of installation of 4 GEL batteries. It is located below floor level.

In the interior of the trailer, under the mattress of the berth, **the podium** is located to a height of 180 mm. The upper part of the podium is a stop for the **ground slats** along the entire plane of the compartment for rest. A **luggage compartment** appears, size 1890mm*1360mm*180mm = 0.462 m³.

Metal trunk on the roof of the van is used for setting up a tent.

Aluminum ladder of the German manufacturer is located on the front or side wall of the trailer.

Electric conditioner. External block of the size of 700mm*700mm. (voltage 12V/24V. Electric current maximum 80A/40A. Rated current 50A/35A. Power 12V 300-800W 24V 500-1000W. Refrigerant oil POE68. Refrigerant (600-+20g is needed). EER >_2.53.) It is mounted into the sunroof opening. Control is carried out by console.

Brake system. The set of overrunning brake with shock absorbers is mounted.

External body kit:

- Metal canister with capacity of 10 litres. It is attached to a metal mounting with thread locker of quick removal. Metal mountings are fixed to the vertical wall with bolted connection 4 pcs. M6*35;
- The ax and shovel are attached with special mounting Quick Fist Original.
- Sand tracks 500mm*170mm – 2 pcs. + metal mounting – 2 pcs.

Adventure awaits



The exclusive representative in the EU countries is "Wild Cat Campers" brand.

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