For more information
please contact
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sales@bundutecusa.com

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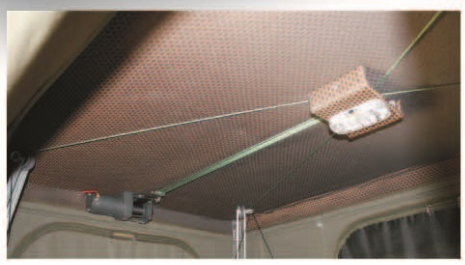
Basic information about the Bundutop Electric Rooftop Tent:

The Bundutop standard size is 2100 x 1350 x 300mm when closed, & 2100 x 1350 x 1000mm open.
It is full aluminium construction, and ends up weighing in at 60kg's, about 3 full Jerry cans.
The roof weighs about 20kg's so you are welcome to install a solar panel on top.
We can include solar wiring for an additional R300 and it simplifies the installation of a Solar Panel.
The tent has a winch inside that lifts/lowers it etc. It is connected to ropes that run on bearings to effectively pull in the awnings/sides etc.
It is made from a durable Ripstop canvas.
Our tents have a one year mechanical warranty.
The tent has a 100mm high density foam mattress inside, as well as a HELLA plug and an LED light, and it comes with an aluminium ladder.
You can leave your bedding inside.

BUNDUTOP

Square flat shape does not severely affect wind resistance.



Winch and plasma rope pulley system to mechanically operate.

Mattress size 2m x 1.25m x 100mm (Double bed sized)

For more information on our products, or where to find them, please visit our website.
Our website also contains images and video footage of some of our products, demonstrating the ease with which they are operated. Our tents and awnings are designed and manufactured in South Africa to top quality standards against patented designs.

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Operating the Bundutop Electric Rooftop Tent:

PLEASE NOTE:

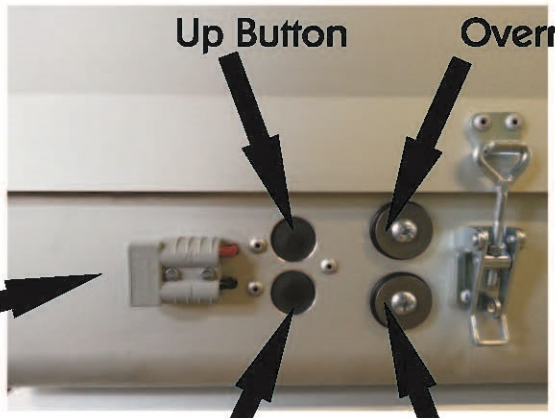
DO NOT OPEN THE TENT WHILE THE LATCHES ARE STILL CLOSED AS THIS WILL DAMAGE THE TENT

Unclip ALL FOUR latches and ensure that they are open before pressing the button to lift the tent. There is a safety feature (limit switch) that assists with telling the motor when to STOP while lifting/loweringthe tent. YOU, however, are responsible for telling the tent when to START, so kindly ensure all the latches have been opened.

The dyneema cord we use for the ropes are installed in such a way that they break if you should ever forget to open the latches. We would rather have the rope break than have the motor bend the entire chassis of the tent, and they act as a safety, breaking first and then nothing can happen.
Should this happen to you, you are still able to use the tent. The roof of the tent (which weighs +/- 20kg) can be easily lifted by one person, who can crawl inside and just wedge the corner arms in place. When you lower it the next morning gravity will step in and lower it for you and the sides and awnings will still pull in.

Should you for some reason experience electrical failure the tent has a manual override outside, situated right next to the buttons used to lift/lower the tent. (See demonstrative picture below)
Electricity in the form of jumper cable connection can be used to lift/lower the tent.

PLEASE NOTE THAT NO LIMIT SWITCHES WORK WHEN YOU OVERRIDE THE TENT MANUALLY. BE CAREFUL TO STOP THE LIFTING/LOWERING IN TIME.



IF YOU DID OPEN THE TENT WITHOUT OPENING THE CATCHES
SEE PAGE 5 FOR INSTRUCTIONS ON REPLACING THE ROPE

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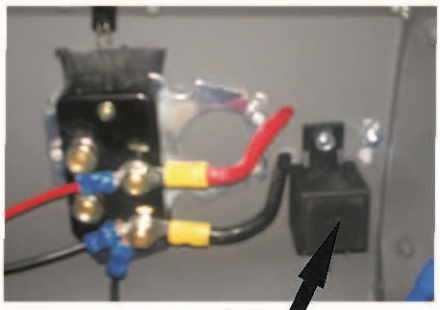
The electronic and mechanical operation of the Bundutop Electrical Rooftop Tent:

The tent is operated with a 12v winch motor onto which a dyneema plasma rope pulley system is connected. It is situated inside the tent in a housing that also provides the HELLA plug.

COVERED

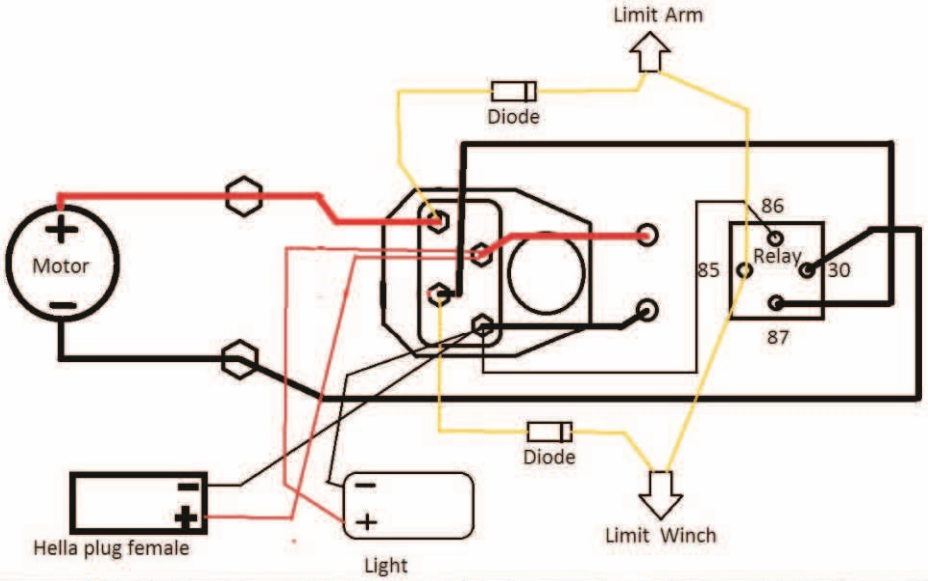
Location of electronics cover inside tent

UNCOVERED



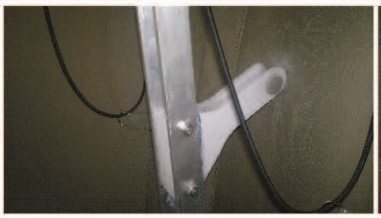
Location of relay

We have also provided an electrical diagram of the complete wiring for the tent:

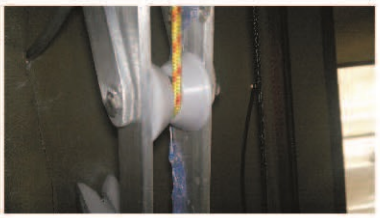


Central rope system

Connection to motor



Arm system inside



Pulley system on arms

The rope system inside is essentially dyneema plasma rope snaked through various pulleys and arms, as well as the mechanisms for the awning to pull in the sides and awnings when the tent is shut. The arms and their unique design again assist with the lifting of the tent and ensures that it is rigid when open, essentially strengthening the construction.

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Fitting the Bundutop Electrical Rooftop Tent:

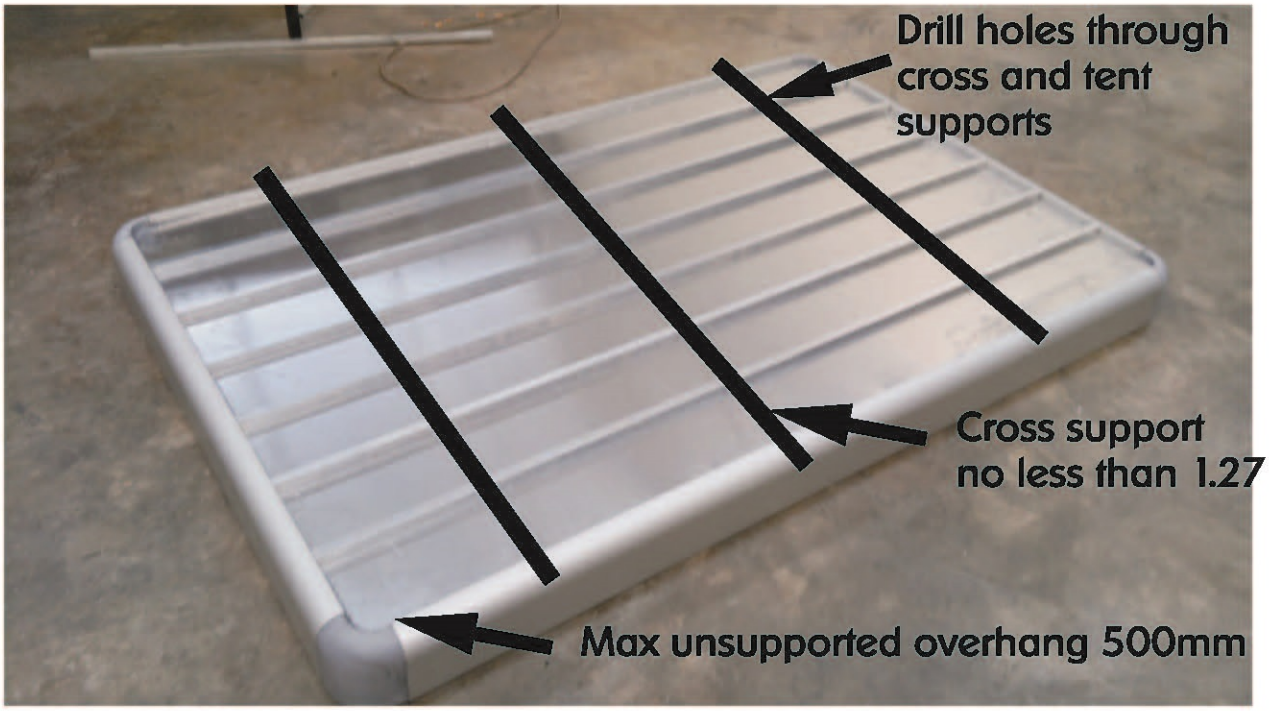
When installing the tent, we advise that there is no more than a 0.5m unsupported overhang. We also advise that the roofrack/load bars should be no less than 1.27m wide. If installing on load bars use three evenly spaced supports. The tent can be bolted on with a minium of 4, preferably 6 bolts and you can run wiring from the dual battery system with a Brad Harrison plug through the vehicle or make an extension. If you are doing the wiring from your battery directly to the tent:

Use Brad Harrison plug
Use 10mm^2 electrical wire
Use 20 Amp inline fuse
Make sure to connect positive and negative correctly

If opening the tent for the first time for installation and the wiring is not made up yet, use the electric override option to open tent and be careful to not over tighten the tent.
See page 2 for instructions.

If installing on load bars use three evenly spaced supports.

UNDERSIDE OF TENT



Maximum permitted weight on roof - 20kg
Spread the weight evenly across the roof

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Fault finding on the Bundutop Electrical Rooftop Tent:

We have mainly experience only the following:

1. Tent does not go up or down.
a. Check that the electric cord to the tent has power (If the light goes on inside the tent then there is power)
b. Check that the connectors are not corroded (If the connectors sre corroded it will not allow enough current through to drive the winch)
c. Use the electric override if all else fails

2. Tent opens but does not close.
a. Check the limit switch near the winch.
The arm on the limit switch might bend over time and not make contact.
Bend the arm a little bit down so that the switch makes contact when the belt is tight. When the tent closes and the belt gets slack the switch will disconnect and stop the winch
b. Use the electric override if all else fails

Location of Limit Switch

How to replace belt and rope system:
Remove the webbing belt and all the old ropes. It is advised that you leave one arm complete so that you can use it as an example of how the rope snakes through the arm and it's various pulleys. Turn turnbuckles untill they are half in and half out, and drill the 2 old rivets out of the winch drum. Cover a 100mm end of the webbing belt with glue and same on the drum of the winch. (Glue just adds extra strength.)
Rivet the belt to the drum in previous rivet positions, the belt has to go round the drum and come out between the winch and the rent roof. (See picture above) Disconnect the winch drive by pulling out the head and giving a quarter turn.Roll the belt around the shaft until only 100mm is out. Tie the rope to the four holes found on the webbing and ensure they go through the correct bearings in the center console (which houses the light) on the left is leftside back, second from left is left front and mirror for the rest. Snake rope through the arm as seen on the example arm, and tie to turnbuckle using a hangman\s noose, or double knot.
Start at one of the four holes on the webbing belt and tighten each one to maximum capacity.
To ensure the tent lowers evenly without tilting you can adjust the turnbuckles to ensure all four corners lower in sync.