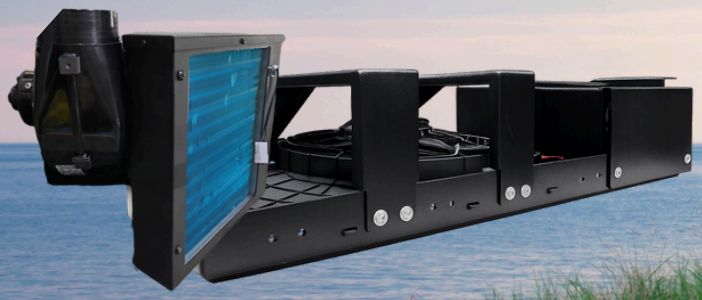
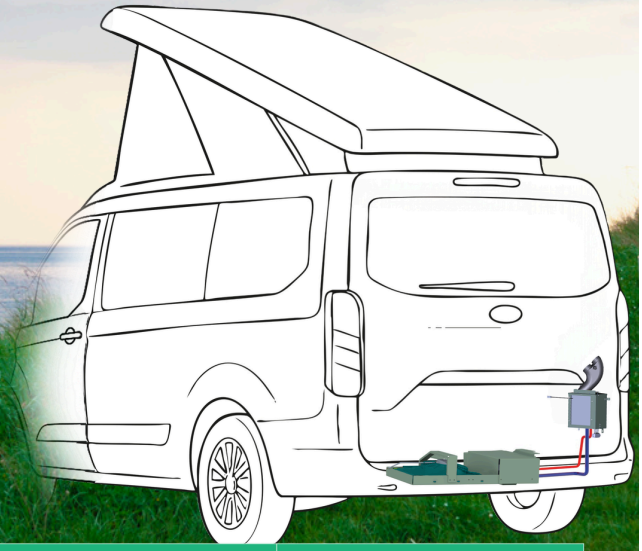
OPEN AIR BASE 12V FULL INVERTER

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# AUTONOMY TABLE

## CONFIGURATION 1.2

| BATTERY MODEL | OPENAIR BASE SPEED | WITH 240 W SOLAR PANELS | FEATURING 150 W SOLAR PANELS | WITHOUT SOLAR PANELS |
|---|---|---|---|---|
| 1 x BATTERY AGM 105Ah | Speed 1 | Uninterrupted | Uninterrupted | 3.25 hours |
| | Speed 2 | Uninterrupted | 9.5 hours | 2.25 hours |
| | Speed 3 | 26 hours | 4.5 hours | 1.75 hours |
| | Speed 4 | 8 hours | 3 hours | 1.5 hours |
| | Speed 5 | 4.5 hours | 2.25 hours | 1.25 hours |
| | Speed 6 | 3.5 hours | 2 hours | 1 hour |
| 2 x BATTERY AGM 105Ah | Speed 1 | Uninterrupted | Uninterrupted | 7.25 hours |
| | Speed 2 | Uninterrupted | 21.5 hours | 5 hours |
| | Speed 3 | 57.75 hours | 10 hours | 3.75 hours |
| | Speed 4 | 18 hours | 7 hours | 3.25 hours |
| | Speed 5 | 10 hours | 5.25 hours | 2.75 hours |
| | Speed 6 | 7.5 hours | 4.25 hours | 2.5 hours |
| 1 × LFP LITHIUM BATTERY ($LIFEPO_4$), 200 AH | Speed 1 | Uninterrupted | Uninterrupted | 12.25 hours |
| | Speed 2 | Uninterrupted | 32.75 hours | 9 hours |
| | Speed 3 | 79.75 hours | 16.5 hours | 7 hours |
| | Speed 4 | 28 hours | 12 hours | 6 hours |
| | Speed 5 | 16.75 hours | 9.25 hours | 5.25 hours |
| | Speed 6 | 13 hours | 8 hours | 4.75 hours |

# CONSUMPTION TABLE

## CONFIGURATION 1.2

| OPEN-AIR BASE SPEED | CONSUMPTION (A) |
|---|---|
| Speed 1 | 12,81 A |
| Speed 2 | 22,09 A |
| Speed 3 | 29,46 A |
| Speed 4 | 32,21 A |
| Speed 5 | 43,67 A |
| Speed 6 | 51,9 A |

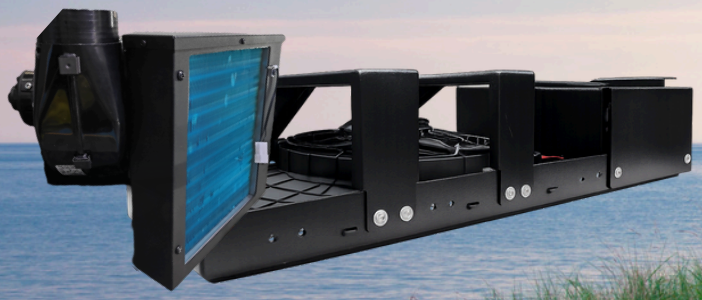
For solar panels, a constant charging current of 10 A is assumed for 150 W panels and 20 A for 240 W panels, without considering other factors.

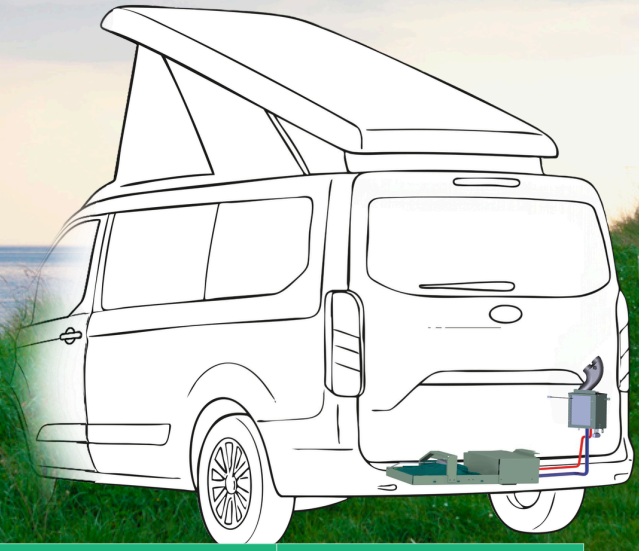
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# AUTONOMY TABLE

## CONFIGURATION 1.2

| BATTERY MODEL | OPENAIR BASE SPEED | WITH 240 W SOLAR PANELS | FEATURING 150 W SOLAR PANELS | WITHOUT SOLAR PANELS |
|---|---|---|---|---|
| 1 x BATTERY AGM 105Ah | Speed 1 | Uninterrupted | Uninterrupted | 3.25 hours |
| | Speed 2 | 26 hours | 4.5 hours | 1.75 hours |
| | Speed 3 | 4.5 hours | 2.5 hours | 1.25 hours |
| | Speed 4 | 3.5 hours | 2 hours | 1 hour |
| | Speed 5 | 1.5 hours | 1.25 hours | 0.75 hours |
| | Speed 6 | 1 hour | 1 hour | 0.5 hours |
| 2 x BATTERY AGM 105Ah | Speed 1 | Uninterrupted | Uninterrupted | 7.25 hours |
| | Speed 2 | 57.75 hours | 10 hours | 4 hours |
| | Speed 3 | 10.25 hours | 5.25 hours | 2.75 hours |
| | Speed 4 | 7.5 hours | 4.5 hours | 2.5 hours |
| | Speed 5 | 3.5 hours | 2.5 hours | 1.75 hours |
| | Speed 6 | 2.5 hours | 2 hours | 1.5 hours |
| 1 × LFP LITHIUM BATTERY ($LIFEPO_4$), 200 AH | Speed 1 | Uninterrupted | Uninterrupted | 12.25 hours |
| | Speed 2 | 79.75 hours | 16.5 hours | 7 hours |
| | Speed 3 | 16.75 hours | 9.25 hours | 5.25 hours |
| | Speed 4 | 13 hours | 8 hours | 4.75 hours |
| | Speed 5 | 6.5 hours | 5 hours | 3.5 hours |
| | Speed 6 | 4.75 hours | 4 hours | 3 hours |

# CONSUMPTION TABLE

## CONFIGURATION 1.2

| OPEN-AIR BASE SPEED | CONSUMPTION (A) |
|---|---|
| Speed 1 | 12,81 A |
| Speed 2 | 17,45 A |
| Speed 3 | 22,09 A |
| Speed 4 | 25,77 A |
| Speed 5 | 29,46 A |
| Speed 6 | 32,21 A |

For solar panels, a constant charging current of 10 A is assumed for 150 W panels and 20 A for 240 W panels, without considering other factors.

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