

WHEELCHAIR CAMPING WITH NO POWER

December 2022

It is difficult to give general advice as charging your batteries depends on:

- The size of the batteries fitted
- The depth of the discharge
- The length of time away from power

Additional considerations include:

- Battery charger size (8A or 10A charger)
- Could the charger be carried and used to top up the charge in a café, for example?
- Is there a bathroom block with power that could be used to charge the powered wheelchair?

When camping with no power, you have two available options. Please refer to the following pages for more information:

- Petrol Generator
- Solar

Option 1 - PETROL GENERATOR

For example: Honda 1KVA Inverter Generator - EU10i

- This generator has more than enough power output to recharge your batteries overnight
- A 10A charger will charge the batteries faster than an 8A charger
- Some people use a really long extension lead to move the generator away from the camping area



FUEL



GENERATOR



**OPTIONAL
EXTENSION
CABLE**



CHAIR CHARGER



WHEELCHAIR



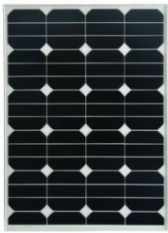
**OPTIONAL SECURITY
FOR YOUR GENERATOR**

Option 2 - SOLAR

- This system has enough power output to recharge your batteries overnight
- A 10A charger will charge the batteries faster than an 8A charger
- For an overnight trip, the 12V Lithium Battery could be charged at home before departing
- A third solar panel may be required if there is less than 5 hours of sunshine. Similarly, one panel may be adequate on particularly sunny days
- Lithium batteries may require regular charging according to manufacturer's guidelines



5 HOURS



**2 x 200W
SOLAR PANELS**



**12V 200A
LITHIUM BATTERY**



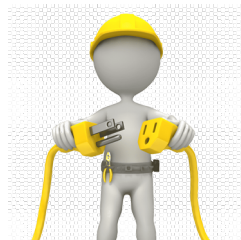
**500W SIN
WAVE INVERTOR**



**WHEELCHAIR
CHARGER**



WHEELCHAIR



ELECTRICIAN, CAMPING SPECIALIST OR THE LIKE

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