

Procedure

This Safe Operating Guide describes the safe work methods to be followed when using an extension lead to charge the battery bank of an upgraded Orange Sky (OS) van via a standard 10 amp power outlet.

Correct extension lead

Aus – heavy-duty 10 amp extension lead, rated for outdoor use, that complies with AUS and NZ standards for construction sites (available from Bunnings). NZ – 10 Amp to 16 Amp power adaptor extension lead.

Site location

Before charging the van ensure:

- You have the correct extension lead
- You have permission to charge the van at the location.
- You know where the power point is and how far it is from the van.

Important!

- The heavy-duty extension lead recommended above is rated for outdoor use and can even be used when it is raining as long as it doesn't become submerged in water.
- To help avoid the extension lead becoming submerged, keep the lead away from sources of water, including gutters, downpipes and stormwater drains.

Inspect prior to charging

Extension leads that are stored in cramped spaces and are frequently moved are vulnerable to damage. Inspect the extension lead for any damage before plugging it in, including cuts, cracks, or exposed wires, cracked or broken plug, bent plug pins.

Important!

- Ensure the lead has not been modified in any way.
- **Do not** use the extension lead if it is damaged or has been illegally modified:

Charging the van

1. Plug the lead into the powerpoint and make sure the power point is switched off at the wall.
2. Run the power lead from the power point to the van, taking the most direct and safest route.
3. Run the power lead around the front or rear of the van. Do not pass under the middle of the van.
4. Plug the lead into the van and switch on the power at the wall.

Important!

- Ensure there is a clear path from the powerpoint to the van. Take the safest, direct path when plugging in the extension lead. Avoid climbing over, under or on things to access the powerpoint.
- Place trip guards over the extension lead in any areas where the lead crosses pedestrian or vehicle thoroughfares.
- **Helpful** – You can cover both the hoses and extension lead under the same trip guards.

For further information on plugging into power on shift, read the following:

- *Plugging into Power Safe Work Procedure*