



## HISTORY WITH A FUTURE

### Safety Instruction

Name	Instruction Number	Date	Version	Review Date
Solar Power System Use	YF-SI-03	22/01/2015	1	22/01/2018

### **Purpose**

This instruction is to ensure safe use of the Solar Power System Located at the facilities building on The Bunkers Conservation Reserve in accordance with Work Health and Safety Act 2012 (SA)

All members and visitors while working at The Bunkers Conservation Reserve must comply with the Act as per the definition of a Worker.

**All power for the building and amenities block is powered by the sun from a Solar Storage System which is a limited supply and must be used sparingly.**

All compressor fridges should be powered via the two 12 volt sockets on each side wall, the 240 volt power is supplied via a sine wave inverter.

The Solar Battery Bank will automatically charge when the sun comes up but will take most of the day to recharge what was used the night before.

### **1. Power System Operating Instructions**

- To **Turn On** the power to the building and amenities unlock and turn to the **ON position** the battery isolator located on the side of the Battery Box at the southern end of the building.
- To **Turn Off** the power to the building and amenities turn the battery isolator to the **OFF position** located on the side of the Battery Box at the southern end of the building and lock.
- **Note:**
- For Trouble shooting and instructions refer to the instructions sheet inside the battery box.

### **2. UHF Radio**

- The UHF radio is located in the locked box in the common area between the bedrooms.
- The two commonly used channels are ;
- 4 Duplex which will access the Local repeater.
- 14 simplex
- Call sign is **Bunkers Base**
- To turn radio on, turn the volume knob clockwise to the required volume.
- The squelch should be set so that the background noise is just silenced.
- If the radio does not turn on refer to the Trouble shooting instructions in the battery box.
- Please turn radio off and lock box before leaving.

### **3. Before leaving please ensure that you turn off the following:**

- Battery Isolator & UHF Radio (as per above)
- Stop Valve on Camp Water Tank