

Trouble Shooting Guide

Symptom	Possible Cause	Solution
Power goes out unexpectedly	Power overload due to an unauthorised appliance being used. (Inverter Overload red light on)	Disconnect extra appliance. Access Power House, switch off all 240 volt cords at power point (outside box), then switch off inverter, wait a few seconds and switch back on. Switch on 240v cords.
	Battery discharge. (Inverter Under Volts red light on). Check volt meter for low voltage.	If volt meter needle is in the red below 11 volts, follow procedure for "Switching the Battery Banks" in this file. If the second battery bank is depleted connect extension leads from lights and admin to generator.
	Inverter too hot (this is not a likely cause). (Inverter Over Temp red light on)	Switch off 240 volt cords, turn inverter off. Ventilate inverter or let cool. Turn inverter back on after a minute or two. Turn on 240 volt cords.
	Circuit breakers have interrupted supply (there are two that need to be checked)	Check both circuit breakers (see pictures in this file). If they have been tripped, turn off 240v cords at power point (outside box), turn off inverter, reset the affected breaker, turn inverter back on). If it continues to trip there is a overload problem somewhere. Switch to other battery bank until resolved.
Power does not come on	Inverter not starting (no lights on inverter)	Ensure inverter switch is on (see picture of inverter)
	No power to inverter	See "Inverter does not start"
	Circuit breakers have interrupted supply (there are two that need to be checked)	see possible cause re crcuit breakers above
Inverter does not start (no lights on inverter)	No power supply to inverter	Ensure red battery toggle switch is switch to 1 or 2 (not "1+2"). Check circuit breakers. Ensure inverter is switched off before using red toggle switch or testing circuit breakers.
	Low voltage	Check volt meter. See procedure for "Switching the Battery Banks"

If following this guide does not solve the problem you could try calling Steve Sertis on 0427 527 951 (but find out if he is out on the rogain first!)