

BUS CHAT



Magnum Inverter [Plus Others] Question

Post by: dtcerrato

Woke up to the Magnum inverter quirking out. I heard a relay intermittently clicking - it was the inverter cycling between charge and inverting modes with an intermittent overload signal. There was no load on it, and I was plugged into shore power. The only way I got it to stop and return to normalcy was to kill the AC power to it. Then run the inverter with a load. After that everything seems fine (so far).

Wondering if anyone has experienced this anomaly?

Post by: sledhead

Every now and then the two Magnum inverters I have do dumb things as well and you did what I have done. Stop the AC power to reset all, and it has worked for me. It has not happened very much. It might have been from a power surge or a blip in 120V pole power.

Post by: dtcerrato

Thanks, Dave. All was good till this morning when it started clicking (relay) again. It wouldn't clear or correct itself this morning, in fact, it seemed more bizarre. It inverts but can't get it to charge as it did yesterday. It goes through the self-diagnoses but reverts right back to the cycling quirking. It's under warranty so I'll eventually communicate with Magnum. Jon on the other board mentioned bad ground which I'll have to research.

Post by: Jim Blackwood

I'm going to have to start shopping for an inverter soon. What are presently seen as the best choices?

Post by: Dave5Cs

Yep, like Dave said ours has done it too. When you have no loads on it and it intermittently cycles, I just disconnect the remote and push and hold the on/off button on the inverter itself. Then turn the inverter back on. Just hook the remote wire back in and hit the "on" button fast; it will start back up. I try to keep at least a 5-watt light on so it has something to keep it on.

Post by: dtcerrato

It was a really bad connection on the neutral of a 50A RV connection then when the neutral contact totally failed, it started to overheat and degrade the ground connection. I'm almost certain this was the culprit that got the inverter acting weird - when in fact the inverter was performing just the way it was designed IMO; That is disconnecting from shore power due to low voltage (a multi-tester showed 96 VAC) then inverting to keep the pass thru circuits energized while sensing shore power present thus cycling back & forth. It's not a hybrid inverter.

IMO the bottom line for the connection failure was on the female side of a Camco 50A RV cord which had obviously cheaper thinner contacts than its vintage Leviton male plug mate - probably a foreign knock-off. Anyway, I think I got that one solved (so far).

