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Instructions for using 48VDC power supply with a Victron Cerbo GX

Affected model/serial numbers

Model: Cerbo GX BPP900450100

Serial numbers: HQ2201xxxxx up and including HQ2220xxxx

Background:

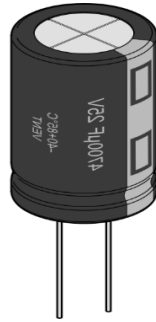
An issue has been identified when using 48VDC as a power source for the Victron Cerbo GX product. When using 48VDC on some units, the internal power supply can be damaged when power is supplied via the DC in power connection. Victron has identified a permanent solution that will be implemented in the future. Until that time an interim wiring change must be utilized.

Instructions:

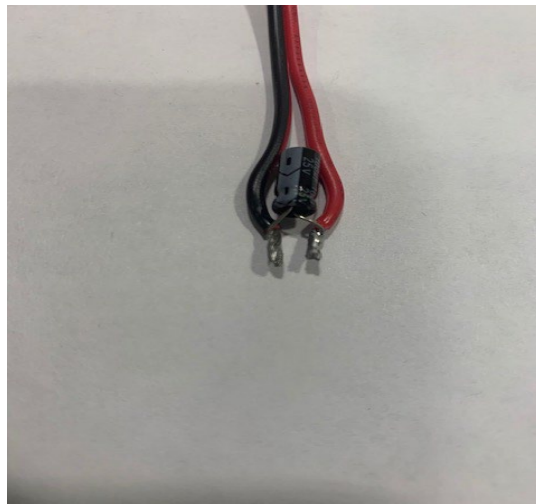
Included in this package with the Cerbo is a 100V 100 microfarad capacitor. This must be installed across the "power-in" connection of the Cerbo GX. Please note the capacitor negative (-) terminal is labeled and must be inserted into the negative terminal of the Cerbo GX power plug with the negative (-) 48VDC power- in wire.

Likewise, the positive (+) of the capacitor must be inserted into the positive terminal of the Cerbo GX power-in plug with the negative (-) 48VDC power source wire. Note: Strip wires ½ inch , wrap solid wire leads of the capacitor around the wires and use solder to assure a complete connection. Then insert into the quick disconnect power- in plug of the Cerbo GX.

Capacitor, negative on right with grey covered area



Capacitor attached to power wires



Plug Installed with capacitor

