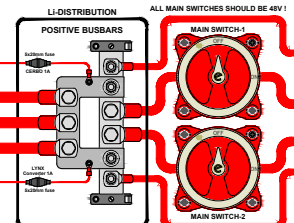


IMPORTANT INFORMATION!
 VEConfigure default settings for Discover 42-48-6650
 It is important to set default values for the Discover batteries with VEConfigure software in case communication with the batteries is interrupted. All settings for this are available in the LYNX Edge Card Victron user manual.
 Confirm the float voltage after completing the installation of any Victron assistant and if necessary reset the float voltage back to 52.8 Volt.

IMPORTANT INFORMATION!
 Latest information from the manufacturers
 Always check with Discover and Victron Energy about the latest updates with hardware versions and manual updates during commissioning. This is necessary to make sure things match properly.
 Write to Victron, always contact Discover and Victron Energy for the latest available information.

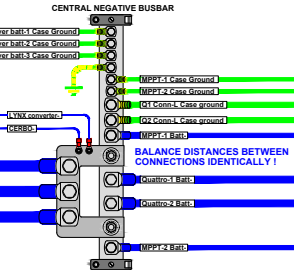
IMPORTANT INFORMATION!
 Distributed Voltage and Current Control DVCC
 From GX device software version 2.60, DVCC will be enforced ON for Discover batteries in case communication with the batteries is interrupted. As well as enforcing good settings for it: DVCC-ON and SV-OFF and ST-OFF.
 The Cerbo receives the Charge Voltage Limit, Charge Current Limit, Discharge Current Limit as well as the Battery Low Voltage from the battery towards the connected inverters/chargers and solar chargers. These then disable that internal charge algorithms and empty do what they're told by the batteries.

3 x Discover 42-48-6650 batteries
 150 Amp fuse build inside each battery



BALANCE DISTANCES BETWEEN CONNECTIONS IDENTICALLY!

LYNX DC/DC Power Converter



BALANCE DISTANCES BETWEEN CONNECTIONS IDENTICALLY!

Drawing BJE-281A Rev-A

IMPORTANT INFORMATION!
 When operating in inverter mode, the Neutral output of an inverter/charger must be connected to ground to guarantee proper functioning of a GFCI or RCD device. In case of a split phase supply the Neutral also must be grounded.
 The primary Case ground connection from an inverter charger like a Multi or a Quattro, must be connected to the Central Negative Busbar of the DC system. Size of this cable must be identical to connected DC negative.

IMPORTANT INFORMATION!
 Quattro split phase setup programming
 The split phase programming has to be completed with Victron's VE.Bus Quick Configure before any assistant is loaded into each Quattro II.
 Quattro programming with VEConfigure
 The ESS assistant if needed has to be added to each Quattro with Victron's VEConfigure after completion of the split phase setup.

IMPORTANT INFORMATION!
 Recommended AC Out 1 cable/breaker size Quattro
 With Power assist each Quattro can add 60kW to the output load per phase when needed. Together with the adjustable 100A input this all adds up to the max sum of input and output current of 100+60=160A per phase. An Earth leakage device with breaker or a combination MCB/RCD must be installed on the output. Cable size must be adjusted accordingly.

IMPORTANT INFORMATION!
 Recommended AC Out 2 cable/breaker size Quattro
 AC Out 2 only is available when power is present on AC IN-1 or AC IN-2. During battery operation it will be disconnected. AC Out 2 supports up to 80A per phase. An Earth leakage device with breaker or a combination MCB/RCD must be installed on the output. Cable size must be adjusted accordingly.

IMPORTANT INFORMATION!
 Recommended DC cable/size size 48V Quattro's
 12.5 m cable length: 2 x 7500mm 6/10 in cable length: 4 x 7850mm. When used in closed conduits, cable size should double. Cable length stands for the distance between the battery connections and the Quattro connections.
 Recommendations are without other loads in the system and these also should be taken into account for proper main battery, main fuse & main switch cables!!! Fuse size should be 200A per Quattro.

IMPORTANT INFORMATION!
 Recommended AC IN-1 & AC IN-2 cable/breaker size Quattro's
 AC IN-1 & AC IN-2 both must be protected by a circuit breaker rated at 100A max per phase or less. This depends heavily on the size of the connected power source. The ripple current must be designed to fit the size of the connected power sources. The breaker and cable size for both AC IN-1 & AC IN-2 should be adjusted accordingly.

WARNING!
 120/240 VOLT AC IS EXTREMELY HAZARDOUS!!!
 DO NOT TOUCH ANY LIVE WIRED PARTS OF THE INSTALLATION!!!
 WHEN IN DOUBT, ALWAYS CONSULT YOUR VICTRON DEALER!!!

