MultiPlus-II System with External Transfer Switch MultiPlus-II 15kVA/48V/230V AC INVERTER/CHARGER L3 SLAVE MultiPlus-II 15kVA/48V/230V AC INVERTER/CHARGER L1 MASTER MultiPlus-II 15kVA/48V/230V AC INVERTER/CHARGER L3 MASTER MultiPlus-II 15kVA/48V/230V AC INVERTER/CHARGER L1 SLAVE MultiPlus-II 15kVA/48V/230V AC INVERTER/CHARGER L2 MASTER MultiPlus-II 15kVA/48V/230V AC INVERTER/CHARGER L2 SLAVE **GX LTE 4G-SA** CE A BOOK DASS OF charger inverter anims on Inverter buth entried describing but largerston but charger inverter oradin to 0 horder to oradin to 0 horder to oradin to 0 horder oradin to total total oradin to total oradin to total oradin to total oradin to total oradin to Charger inverter make us breather on built overtical electricism translation translation translation translation charger inverter mains at Inverter at inits Control of the lattery itself the lattery **GX TOUCH 70** 0000 0000 0000 0000 0000 0000 **CERBO GX** IVE Bus link I AC OUT-1 L3M AC OUT-1 L2S TANK LEVEL SENSOR GENERATOR 000 MEV DC / 28AA DC 600A MEC PUBB SHO 669V DC / 28NA DC 600A HRC FUSE NAG FF Drawing BJE-356A **6**6 00 66 **6** 66 66 (CURRENT TRANSFORMER LIM) KEEP NEGATIVE MULTIPLUS-II CABLES ALL AT THE SAME LENGTH! PE PE PE PE L3 L3 L3 L2 🔘 L2 0 ► LOADS L2 **GENERATOR 160KVA** L1 0 L1 L1 N N FOR A PROPER FUNCTION OF THE 3 PHASE MultiPlus-II CONFIGURATION, THE PHASE ROTATION FOR GRID POWER AND/OR GENERATOR POWER HAS TO BE CONNECTED CORRECTLY FOLLOWING L1-L2-L3 I L1 L2 L3 O IMPORTANT INFORMATION ! In a fixed installation like in this drawing, an uninterruptible grounding can be secured with the grounding wire of the AC inputs. It will however be good practice to ground each MultiPlus-II casing to the Main ground Busbar as is visible in this drawing. Be aware that local rules may require alternative AC Ground configurations! GND/PE 0 Use twisted pair cables for each current transformer to prevent signal interference. Avoid routing the twisted pair cables next to AC power cables as much as possible. Connect each \$1 orange wire to its dedicated Master phase EXT. connection and each black \$2 connection to each dedicated Master phase COM connection.