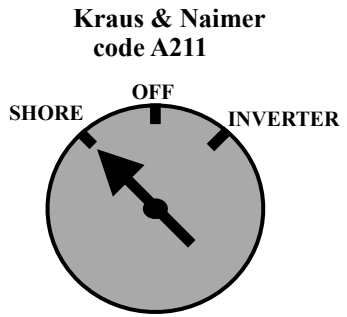
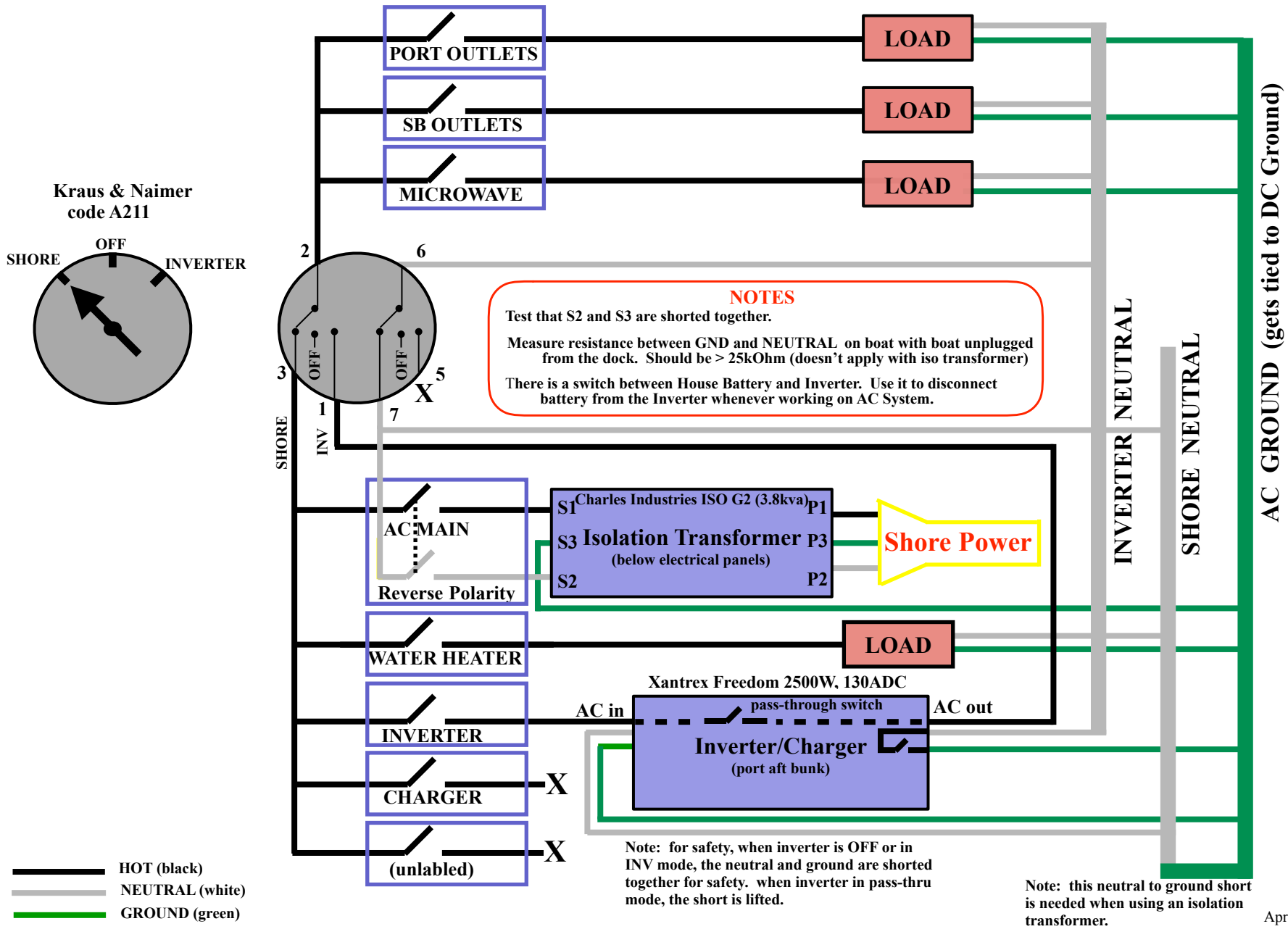


# AC System



**NOTES**

Test that S2 and S3 are shorted together.

Measure resistance between GND and NEUTRAL on boat with boat unplugged from the dock. Should be > 25kOhm (doesn't apply with iso transformer)

There is a switch between House Battery and Inverter. Use it to disconnect battery from the Inverter whenever working on AC System.

Note: for safety, when inverter is OFF or in INV mode, the neutral and ground are shorted together for safety. when inverter in pass-thru mode, the short is lifted.

Note: this neutral to ground short is needed when using an isolation transformer.

AC GROUND (gets tied to DC Ground)

# AC Breaker Panel

