

# AC ELECTRIC PANELS

## 240v 60hz Panel

- Seakeeper
- Inverters (off when on 50hz)
- Washer/Dryer

## 240v 50/60hz Panel

- Battery Charger
- A/C Chiller
- Salon Air Handler
- Master Air Handler
- Guest Air Handler
- Office Air Handler
- Water heater element 1
- Water heater element 2

## 110v ac panel

### Leg 1

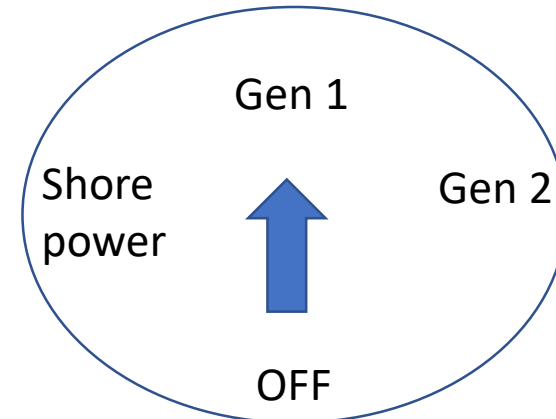
- Lights
- Refrigerators
- 110v Outlets
- Etc

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### Leg 2

- Toilets
- Wine Cooler
- Freezers
- Etc

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Gen 1

Gen 2

### Shore power

U.S. Connector has four wires (120V L1, 120V L2, Neutral, Ground) 60hz  
Euro has three (220V L1, Neutral, Ground) 50hz

Transformer

- I need something that will take in either US or European power and put out 240/120v

120V L1, 120V L2  
50 or 60hz



Select a/c power source  
Gen 1, Gen 2, Shorepower

Current thinking is to NOT feed main engine alternators to batteries (support as an optional feature)

24v House Battery Bank  
765 amp hours

24 volt DC house battery bank - consists of six (6) 8D, 12 volt "Lifeline" AGM @ 255 Ah each.

Dual 3.5kw Outback VFX3524 inverters

110v Panel

Balancing transformer?

220v 50/60hz Panel

Battery Charger

Mastervolt 24/100

220v 60hz Panel