① Summary Screen:

1-1

```
AC LOADS    0 AMPS AC
CHARGERS    0 AMPS AC
AC Total    0 AMPS AC
Battery    GOOD 13.2V
```
AC IN   INV
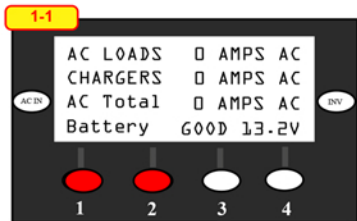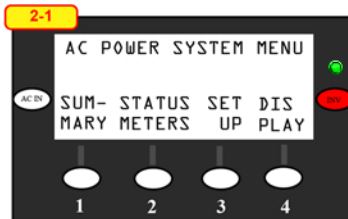
1   2   3   4

If screen backlight is pushing any button only turns on backlight.

Shortcut: Pressing 1 and 2 simultaneously in any screen takes you back to AC Power System menu. (Be carefull you are not in a screen that will change a setting if you push one harder or quicker than the other).
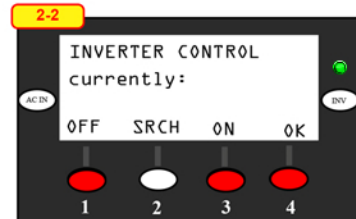
② Inverter ON/OFF Control:

Basic Inverter Check:
When inverter is turned on you will have a green LED lit above the INV button.

2-1

```
AC POWER SYSTEM MENU

SUM- STATUS SET  DIS
MARY METERS  UP PLAY
```
AC IN   INV

1   2   3   4

Press INV

2-2

```
INVERTER CONTROL
currently:

OFF   SRCH   ON    OK
```
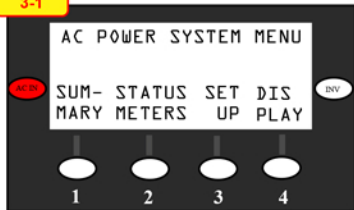AC IN   INV

1   2   3   4

Press OFF / ON to turn inverter off or on. Then OK to go back to AC Power Systems Menu. A good way to do a quick inverter reset is turn OFF for 5 seconds then ON again. Also, unplugging the Cat 5 from the Mate is a good remote reset.
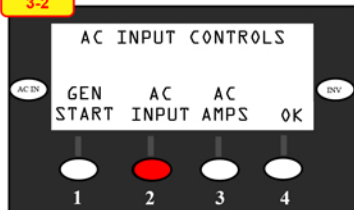
③ Shore Cord Settings:

3-1

```
AC POWER SYSTEM MENU

SUM-  STATUS  SET   DIS
MARY  METERS   UP  PLAY

  1      2      3     4
```

Press AC IN

3-2

```
AC INPUT CONTROLS

 GEN    AC    AC
START  INPUT AMPS    OK

  1      2      3     4
```

Press #2 AC Input

3-3

```
AC INPUT SOURCE
currently:          GEN


GEN   CORD          OK

  1      2      3     4
```

- Pressing #1 GEN uses High shore cord settings, 50 amp 240V only
- Pressing #2 CORD uses Low shore cord settings, anything other than 50 amp 240V (30, 20, 15, 10 amp 110V)

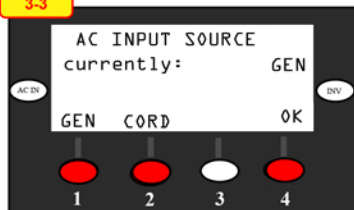After done in this screen, press #4 OK, to return to AC Power System Menu

DO NOT go into AC AMP settings.

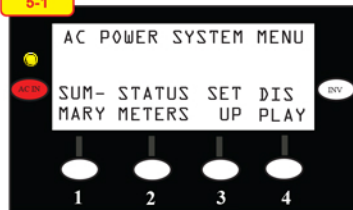## ⑤ Generator Auto Start Control:

5-1

```
AC POWER SYSTEM MENU

SUM-  STATUS  SET   DIS
MARY  METERS   UP  PLAY

  1      2      3     4
```

Press AC IN

5-2

```
AC INPUT CONTROLS

 GEN    AC    AC
START  INPUT AMPS    OK

  1      2      3     4
```

Press #1 Gen Start

5-3

```
AGS MENU

            AUTO-OFF

OFF   AUTO   ON    OK

  1      2      3     4
```
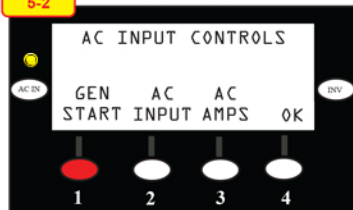
- Pressing #3 ON starts Generator and reads MAN-ON.
- Pressing #1 OFF stops Generator and reads MAN-OFF.
- Pressing #2 AUTO changes from MAN to AUTO

Mate should be in AUTO-OFF for auto start setting. Turning Generator ON then pressing #2 AUTO will let generator run and shut-off automatically after complete charge.
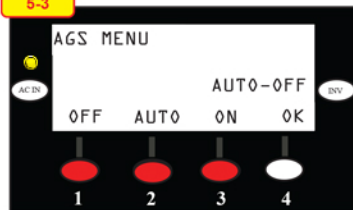
After done in this screen, press #4 OK, to return to AC Power System Menu

After starting generator or plugging into shore power yellow LED above AC IN button blinks for 30 seconds then becomes solid indicating it has connected to input power. If yellow LED does not blink it is an indication that you do not have live AC input. If LED flashes but does not become solid it is indicating input voltages or hertz is too low or high and it will not charge and you are still running off of batteries.

DO NOT go into AC AMP settings.