

Models:

- FLEXmax 80: 80 amps maximum continuous output current (up to 40°C without thermal derating)
- FLEXmax 60: 60 amps maximum continuous output current (up to 40°C without thermal derating)

Features:

- Maximum Power Point Tracking
- Supports 12, 24, 36, 48, and 60 Vdc battery voltages
- Backlit display screen (LCD) with 80 characters (4 lines, 20 characters per line)
- Last 128 days of operational data logging
- Voltage step-down capability allowing a higher PV array voltage configuration
- Manual and automatic equalize cycles

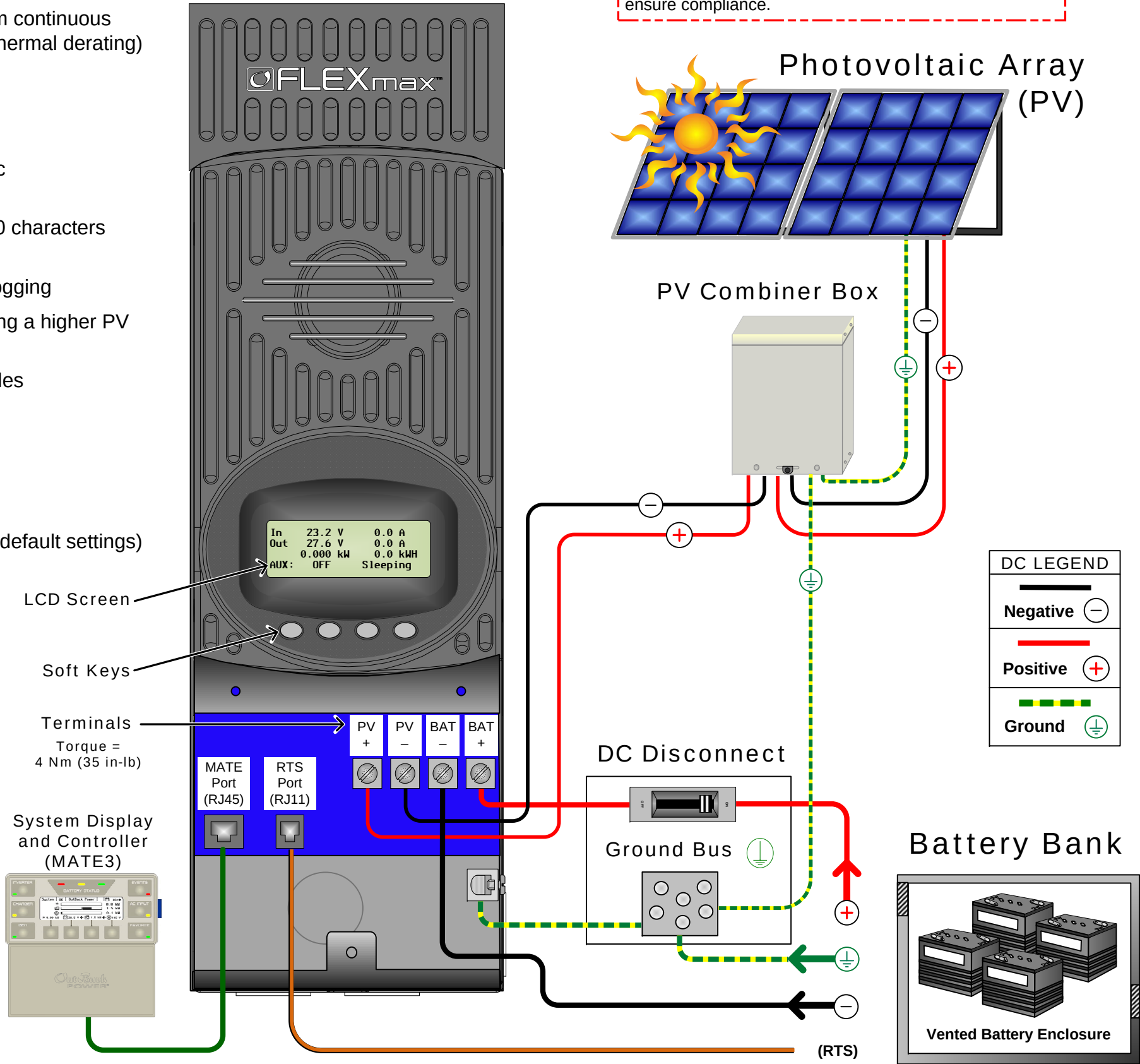
Screen Versions:

- English
- Spanish
- Australian (English with different default settings)

Maximum PV Input Wattage per Charge Controller

Battery Bank Voltage	Maximum PV Input Wattage for the FLEXmax 80	Maximum PV Input Wattage for the FLEXmax 60
12 Vdc	1000 W	750 W
24 Vdc	2000 W	1500 W
36 Vdc	3000 W	2250 W
48 Vdc	4000 W	3000 W
60 Vdc	5000 W	3750 W

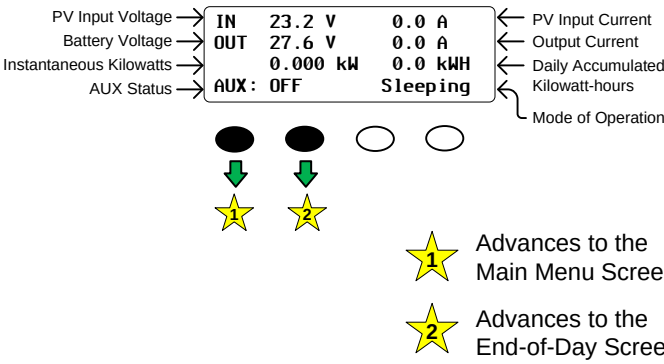
FLEXmax Charge Controller



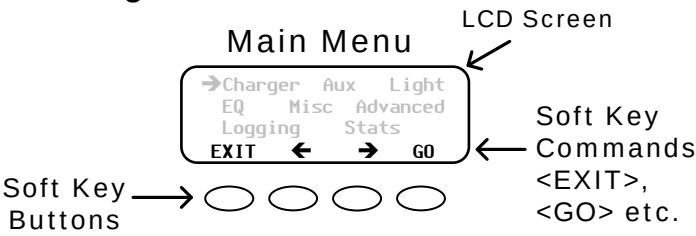
Startup Screen



Status Screen



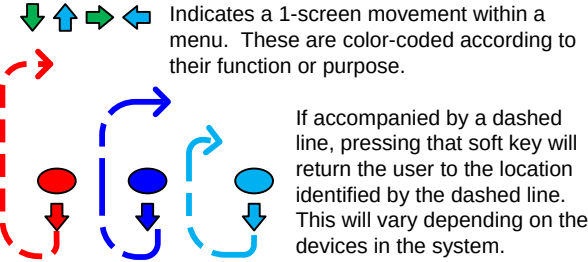
Navigation:



Soft Key Color Code:

- Available menus
- Select this option to proceed
- Adjusts the set points value
- Selects a function (e.g., ON, OFF, AUTO)
- Switches between devices on the ports of the Communications HUB
- Navigation colors

NOTE: Soft key functions will vary depending on the selected menu and are defined by the word above the key in the LCD.



NOTE: See the FLEXmax Series Owner's Manual for details on the settings available in the main menu.

End-of-Day (EOD) Summary Screens

