



AM SOLAR

Programming / Commissioning Your System - The Lynx Shunt



Programming Through the Color Control Monitor:

1. Press the top right button on your color control to enter the device list.
2. Enter the "Lynx Shunt 1000A VE.Can" under the device list.
3. Enter "Settings".
4. Enter "Battery".
5. Adjust the following fields only:

- **Battery Capacity**
- **Charged Voltage**
- **Tail Current**
- **Peukert Exponent**
- **Charge Efficiency Factor**



Bottom Directional Button

Top Directional Button

Helpful Notes:

- Pressing the center button will always select what is highlighted.
- Pressing the left arrow will take you back to the previous screen.
- Pressing the top right button will pull up the Settings page.

Program Settings for Flooded Batteries

- **Battery Capacity:** Enter the total battery capacity in Amp Hours.
- **Charged Voltage:** 14.2
- **Tail Current:** 4%
- **Peukert Exponent:** 1.25
- **Charge Efficiency Factor:** 94%

Program Settings for AGM Batteries

- **Battery Capacity:** Enter the total battery capacity in Amp Hours.
- **Charge Voltage:** 14.1
- **Tail Current:** 2%
- **Peukert Exponent:** 1.1
- **Charge Efficiency Factor:** 97%

Program Settings for Lithium Batteries

- **Battery Capacity:** Enter the total battery capacity in Amp Hours.
- **Charge Voltage:** 13.9
- **Tail Current:** 2%
- **Peukert Exponent:** 1.1
- **Charge Efficiency Factor:** 98%

