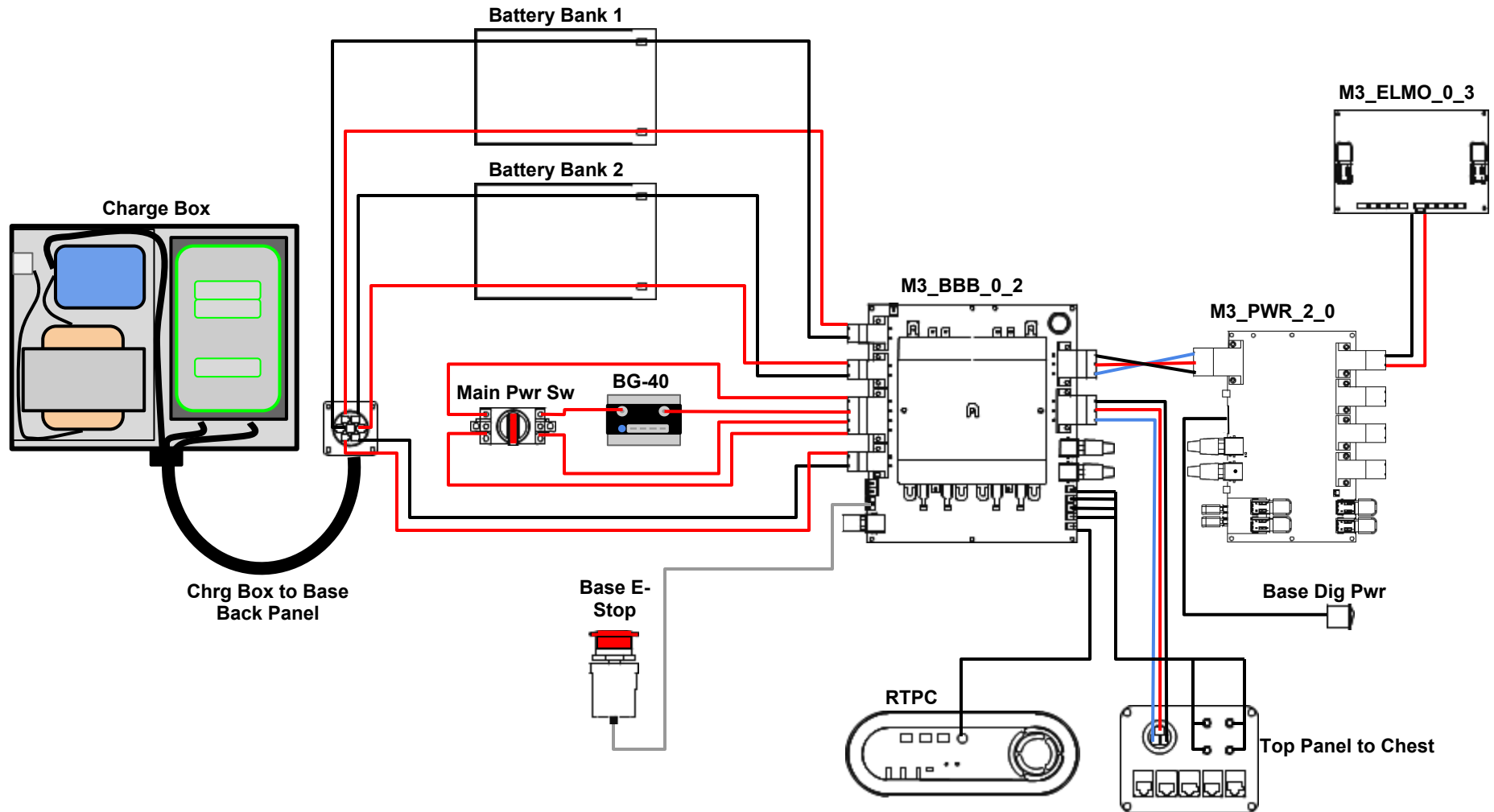


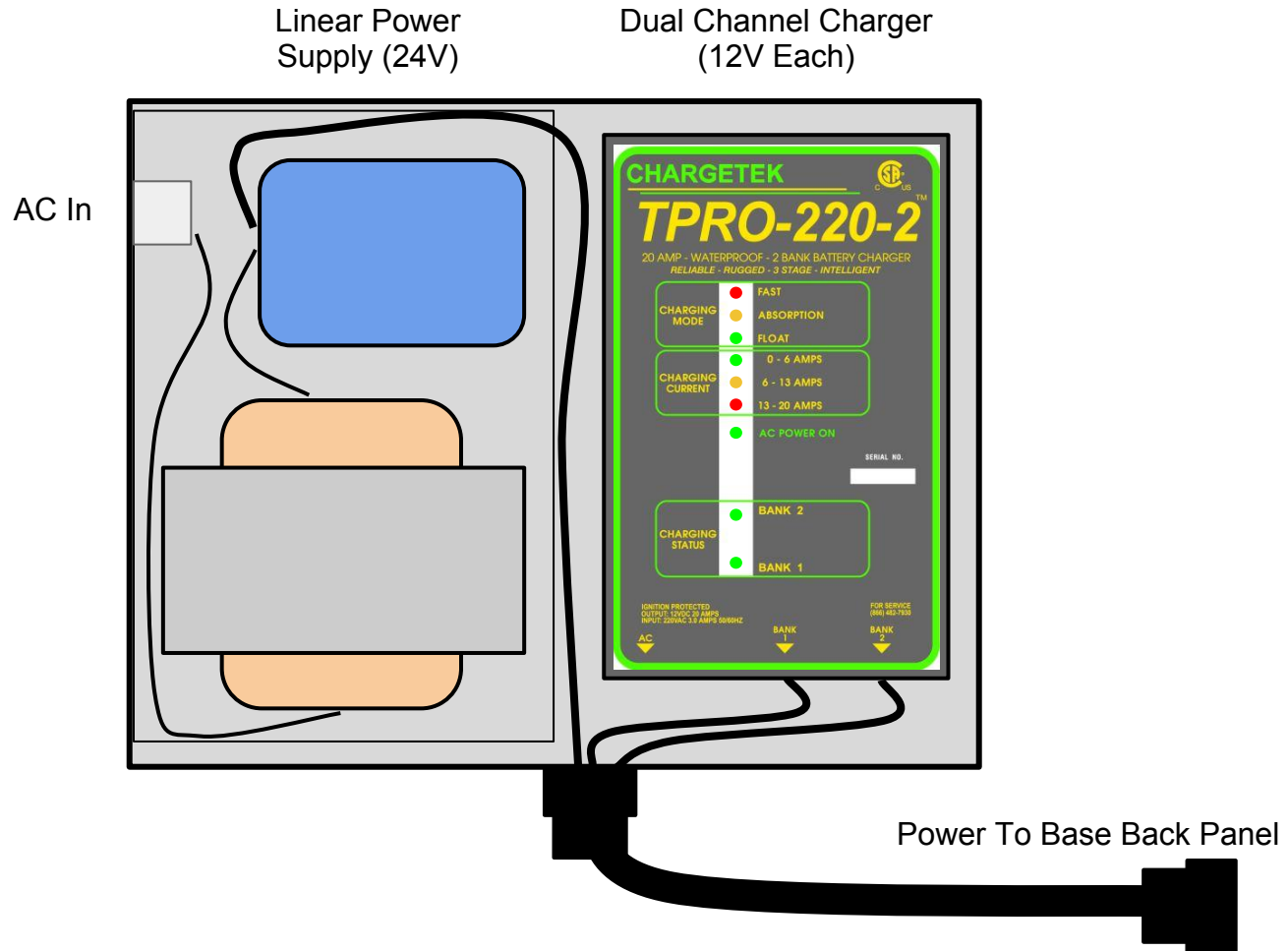


Base Power System Diagram

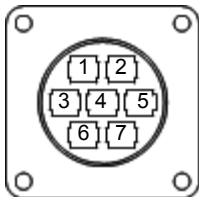
6-21-2013



Base Charge Box



Base Back Panel Power Connector (view from outside)



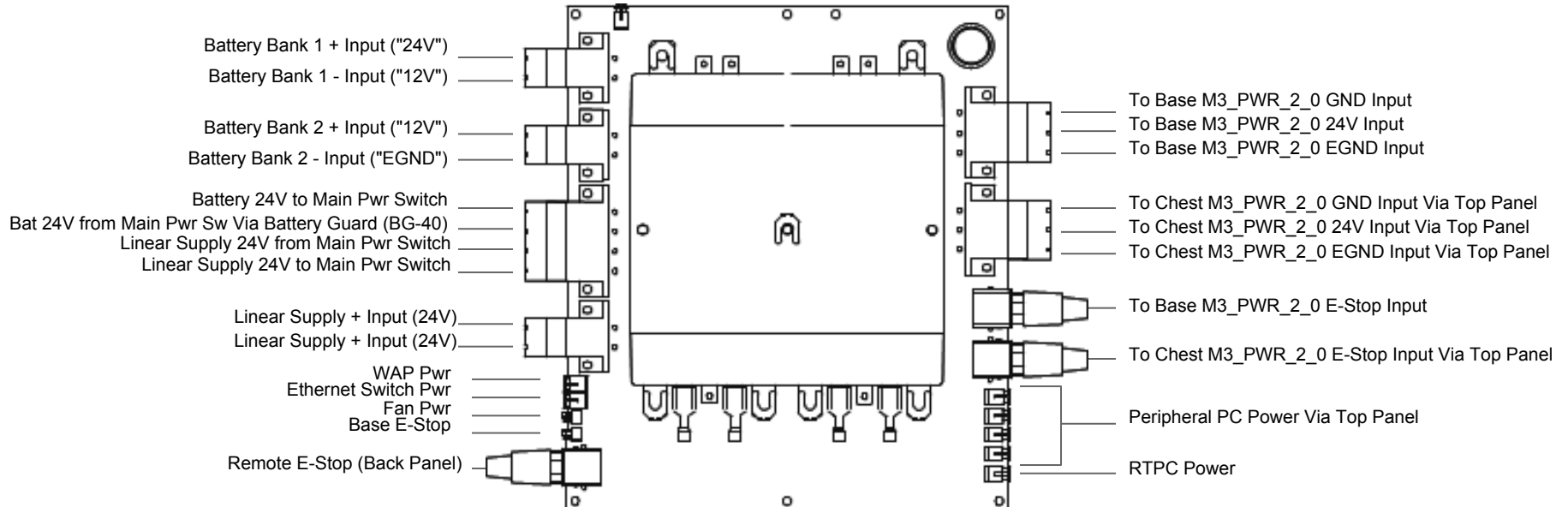
- 1 - Battery Bank 1 (positive).
- 2 - Battery Bank 2 (negative).
- 3 - Battery Bank 1 (negative).
- 4 - N/C
- 5 - Battery Bank 2 (positive).
- 6 - Linear Power Supply Input (24V)
- 7 - Linear Power Supply Input (GND)

Battery Banks



2 Banks in series, each made up of 5 12V, 12AH lead acid batteries. "Bank 2" accounts for the 0-12V potential portion of the overall 24V input to the M3_BBB_0_2 board, and "Bank1" accounts for the 12-24V portion.

M3_BBB_0_2 Board (Power Regulation)



Base M3_PWR_2_0 Board (Power Distribution And Data Conversion)

