

**Field Wiring Reference Table**  
**60 x 2V sectioned as 15+15+15+15**

| Wire | Color  | CB#1 | √    | CB#2 | √ | CB#3 | √   | CB#4 | √ | CB#5 | √ | CB#6 | √   |
|------|--------|------|------|------|---|------|-----|------|---|------|---|------|-----|
| #1   | BROWN  | RM+  | BUS+ | B6+  |   | B11+ |     | B16+ |   | B21+ |   | B26+ |     |
| #2   | RED    | RM+  |      | B6-  |   | B11- |     | B16- |   | B21- |   | B26- |     |
| #3   | ORANGE | B1+  |      | B7+  |   | B12+ |     | B17+ |   | B22+ |   | B27+ |     |
| #4   | YELLOW | B1-  |      | B7-  |   | B12- |     | B17- |   | B22- |   | B27- |     |
| #5   | GREEN  | B2+  |      | B8+  |   | B13+ |     | B18+ |   | B23+ |   | B28+ |     |
| #6   | BLUE   | B2-  |      | B8-  |   | B13- |     | B18- |   | B23- |   | B28- |     |
| #7   | VIOLET | B3+  |      | B9+  |   | B14+ |     | B19+ |   | B24+ |   | B29+ |     |
| #8   | SLATE  | B3-  |      | B9-  |   | B14- |     | B19- |   | B24- |   | B29- |     |
| #9   | WHITE  | B4+  |      | B10+ |   | B15+ |     | B20+ |   | B25+ |   | B30+ |     |
| #10  | BLACK  | B4-  |      | B10- |   | B15- |     | B20- |   | B25- |   | B30- |     |
| #11  | TAN    | B5+  |      | T1+  |   | RM1  | 15- | T2+  |   | NC   |   | RM2  | 30- |
| #12  | PINK   | B5-  |      | T1-  |   | RM1  |     | T2-  |   | NC   |   | RM2  |     |

| Wire | Color  | CB#7  | √ | CB#8 | √ | CB#9 | √   | CB#10 | √ | CB#11 | √ | CB#12 | √    |
|------|--------|-------|---|------|---|------|-----|-------|---|-------|---|-------|------|
| #1   | BROWN  | B31+  |   | B36+ |   | B41+ |     | B46+  |   | B51+  |   | B57+  |      |
| #2   | RED    | B31-  |   | B36- |   | B41- |     | B46-  |   | B51-  |   | B57-  |      |
| #3   | ORANGE | B32+  |   | B37+ |   | B42+ |     | B47+  |   | B52+  |   | B58+  |      |
| #4   | YELLOW | B32-  |   | B37- |   | B42- |     | B47-  |   | B52-  |   | B58-  |      |
| #5   | GREEN  | B33+  |   | B38+ |   | B43+ |     | B48+  |   | B53+  |   | B59+  |      |
| #6   | BLUE   | B33-  |   | B38- |   | B43- |     | B48-  |   | B53-  |   | B59-  |      |
| #7   | VIOLET | B34+  |   | B39+ |   | B44+ |     | B49+  |   | B54+  |   | B60+  |      |
| #8   | SLATE  | B34-  |   | B39- |   | B44- |     | B49-  |   | B54-  |   | B60-  |      |
| #9   | WHITE  | B35+  |   | B40+ |   | B45+ |     | B50+  |   | B55+  |   | NS1   |      |
| #10  | BLACK  | B35-  |   | B40- |   | B45- |     | B50-  |   | B55-  |   | NS1   |      |
| #11  | TAN    | CT+12 |   | CTIS |   | RM3  | 45- | T3+   |   | B56+  |   | RM-   | BUS- |
| #12  | PINK   | CT-12 |   | CTGD |   | RM3  |     | T3-   |   | B56-  |   | RM-   |      |

T1: Ambient Temperature, mount to battery rack to sense the air temperature.

T2: Pilot, mount to BAT#20. T3: Pilot, mount to BAT#50 with 3M tape.

**All voltage sensing leads to battery posts are using 500mA fuses. 5 IR leads are using 10A fuses.**

**Do NOT cut excess cables, keep and secure as service loops.**

RM+ (2-wire merged) on top of BAT#1+ post. RM-(2-wire) on top of BAT#60- post. **10A** fuses.

RM1 (2-wire merged) on BT#15-. RM2 (2-wire) on BT#30-. RM3 (2-wire) on BT#45- post. **10A** fuses.

CT+12V, CT-12V, CTIS, CTGD to Current Transducer 4-wire (Red/White/Green/Black).

NC is not connected. (Spare wires, replace broken wire.) NS1 and NS2 are not connected.