



CT Direction →

4 Sections Pulsed DC Current Internal Resistance + Inter-cell Connection

Crimp two wires into one butt on RM lead.
 For 58 cells, set section as 15+14+14+15. RM1(B15-), RM2(B29-), RM3(B43-)
 For 55 cells, set section as 14+14+14+13. RM1(B14-), RM2(B28-), RM3(B42-)

Negative Terminal Connection Resistance
 For 60 cells, connect NS1 to Negative Terminal Plate
 For 58 cells, connect BT59+ to Negative Terminal Plate
 For 55 cells, connect BT56+ to Negative Terminal Plate

Leave ambient probe inside 2-inch flexible tubing
 Mount Pilot#1 and Pilot#2 on cell surface, High/Low tier
 CT can be any location in the current loop. Arrow to charging direction.

60 x 2V Connections

BatteryDAQ
 Sheet: /
 File: ST16002_Full_Connections.kicad_sch
Title: Sentry-6002NEMA Wiring for 60x2V

Size: A3	Date:	Rev:
KiCad E.D.A. kicad 7.0.5		Id: 1/1

When the battery is switched off, battery cells remain connected through BMS circuitry.
 Must unplug ALL 12 terminals for battery service and cell replacement to avoid electric shock and BMS damage.