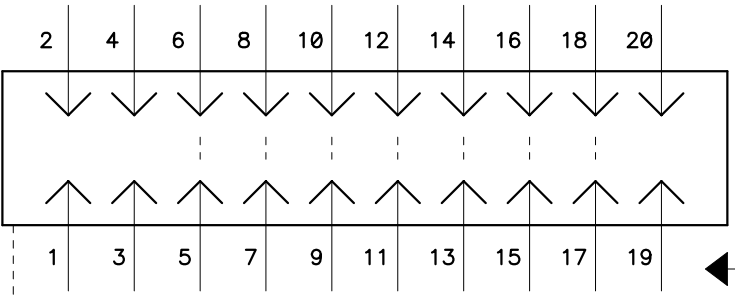
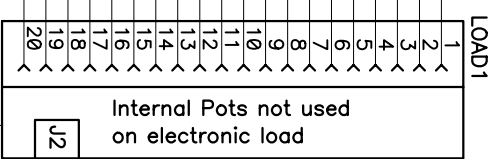


To opamp power
+12 Vdc @ 200ma
from bias power supply



Power OFF Load does not sink current with power off.
Power ON

Current Monitor Output 0-4Vdc
Electronic Load LOAD1



Note:

R6 (voltage off) is set to limit where load will turn off at bottom voltage.

R5 (current sink) is set not to exceed wattage of electronic load or battery discharge current limit.

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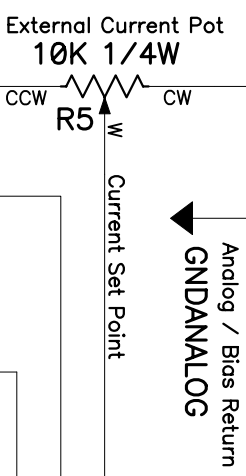
Chart Recorder Current + Voltage

Standard Circuit

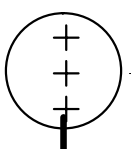
External Voltage Set Pot 0-50 Volts

50K 1/4W

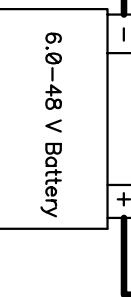
Battery Voltage Turn (OFF / ON) set point of load



Analogue / Bias Return
GNDANALOG



Power Test Terminals



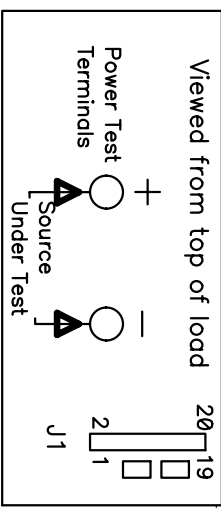
Deep Cycle Tester for Telecom

Battery Under Test



Power Test Terminals

Viewed from top of load



Note J1 - Pin 2 and the (-) source under test are connected, never have current flowing through this path. All control signals should be connected to J1-pin 2. Only the source under test should be connected to the power test terminal (+) and (-).

[Http://www.EXEC-ENG.com](http://www.EXEC-ENG.com)
Executive Engineering

Deep Cycle Battery Tester Constant Current

Title Telecom Battery Cycle Tester

Size	Number	Rev
A	301/151 Remote Control	1
Date	Mon Sep 20, 2004	Drawn by dw
Filename	deap-battery.SCH	Sheet 1 of 1